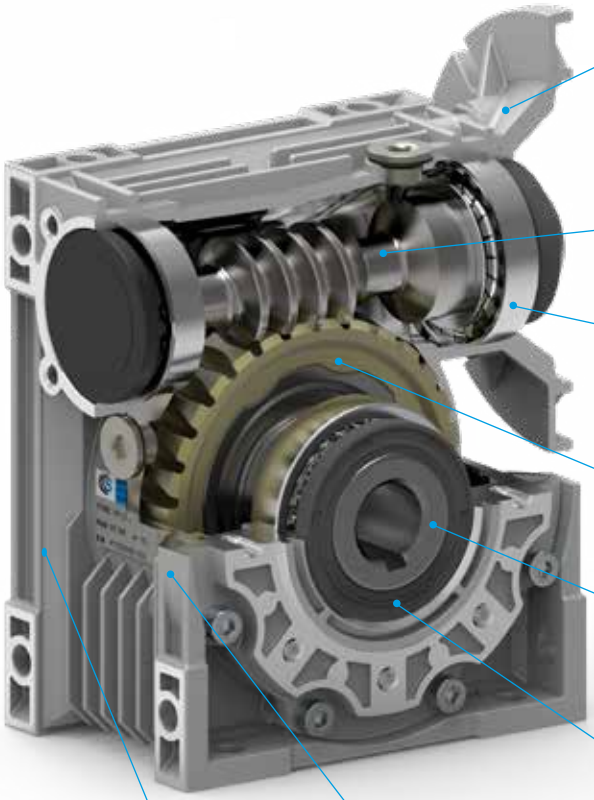
Riduttori a vite senza fine VP / VP *worm geraboxes*



Flange pressofuse in alluminio sino alla grandezza 90 ed in ghisa grigia per le 110, 130 e 150.
Output flanges made in pressure die casting aluminum up to size 90 and made in grey cast iron for sizes 110, 130 and 150.

Vite senza fine in acciaio temprato e cementato con profilo ZI rettificato.
Worm shaft made in case-hardening steel , case. hardened and quenched, with ZI ground profile.

Cuscinetti in ingresso a sfere o rulli conici in funzione della grandezza.
Input ball or taper roller bearings, as a function of size.

Corone a denti elicoidali in bronzo ad alta resistenza all'usura.
Helical teeth worm wheels made in highly wear-resistant bronze.

Mozzo ruota in ghisa grafitica sferoidale.
Worm wheel hub made in nodular cast iron.

Anelli di tenuta in mescole acrilo-nitriliche.
Shat seals made in acrylonitrile compounds.

Corpo riduttore in pressofusione di alluminio sino alla grandezza 90 ed in ghisa grigia per le 110, 130 e 150.
Housing made in pressure die casting aluminum up to size 90 and in grey cast iron for sizes 110, 130 and 150.

Corpo e flange verniciati a polvere epossidiche.
Housing and flanges panted with epoxy powder compounds.

La gamma di riduttori a vite senza fine della serie VP sono disponibili in diverse versioni dettagliate nelle pagine seguenti:

VP con flangia motore
VI con albero sporgente
VR con precoppia (solo versione flangiata)
VC combinato con flangia motore
VS combinato con albero sporgente

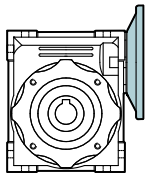
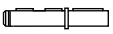
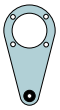
The range of VP series worm gearboxes is composed of different versions presented/illustrated in the following pages:

VP with motor flange
VI with input male shaft
VR with pre-stage series (only motor flange version)
VC combination with motor flange
VS combination with input male shaft

Designazione / *Designation*

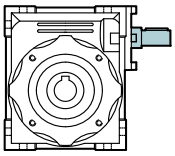
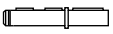
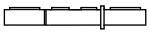
RIDUTTORE A VITE SENZA FINE QUADRO FLANGIATO / *WORM GEARBOXES WITH FLANGE*

ACCESSORI / *ACCESSORIES*

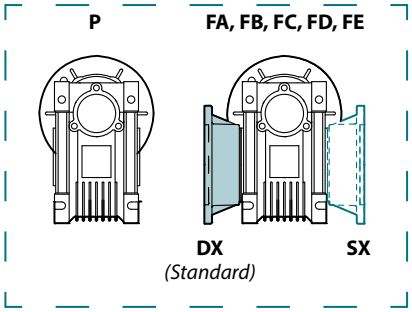
Riduttore *Gearbox*	Grandezza *Size*	Versione riduttore *Gearbox Version*	Posizione flangia uscita *Position Output flange*	Rapporto rid. = i *Ratio = i*	Predispos. attacco motore *Motor coupling*	Forma costruttiva *Version*	Posizione di mont. *Mounting position*	Seconda entrata *Additional input*	Albero uscita *Output shaft*	Braccio di reazione *Torque arm*
VP	**040**	**P**	**-**	**R10**	**63**	**B5**	**U**	**-**	**AD**	**BR**
	025 030 040 050 063 075 090 110 130 150	P FA FB FC FD FE VP42	- DX SX	R7.5 R10 R15 R20 R25 R30 R40 R50 R60 R80 R100	56 63 71 80 90 100 112 132	B5 B14	U* B3 B6 B7 B8 V5 V6 10	- B (1) VP74	AS  AD  VP75	BR  VP75

RIDUTTORE A VITE SENZA FINE QUADRO / *WORM GEARBOXES*

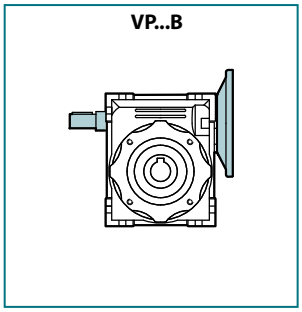
ACCESSORI / *ACCESSORIES*

Riduttore *Gearbox*	Grandezza *Size*	Versione riduttore *Gearbox Version*	Posizione flangia uscita *Position Output flange*	Rapporto rid. = i *Ratio = i*	Posizione di mont. *Mounting position*	Seconda entrata *Additional input*	Albero uscita *Output shaft*	Braccio di reazione *Torque arm*
VI	**040**	**P**	**-**	**R10**	**U**	**-**	**AD**	**BR**
	030 040 050 063 075 090 110 130 150	P FA FB FC FD FE VP42	- DX SX	R7.5 R10 R15 R20 R25 R30 R40 R50 R60 R80 R100	U* B3 B6 B7 B8 V5 V6 10	- B VP74	AS  AD  VP75	BR  VP75

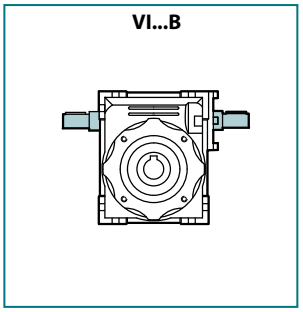
Versione riduttore / *Gearbox version*



Seconda entrata / *Additional input*



Seconda entrata / *Additional input*



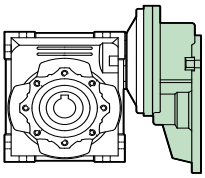
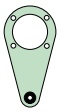
(1) Versione seconda entrata disponibile dalla gr. 30 alla 150.

* Dalla gr. 25 alla 63, i riduttori sono forniti in posizione U = Universale

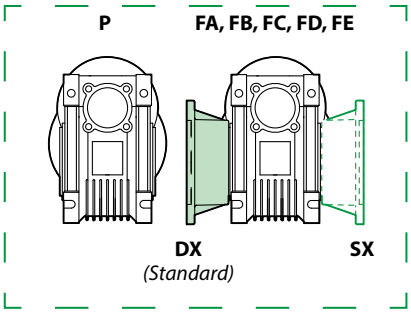
(1) Version with additional input is available from size 30 to 150.

** From size 25 to 63, the gearboxes are supplied in position U = Universal*

Designazione / *Designation*

RIDUTTORE A VITE SENZA FINE CON PRECOPPIA / *HELICAL WORM GEARBOXES*									ACCESSORI / *ACCESSORIES*	
Riduttore *Gearbox*	Grandezza precoppia *Size pre-stage*	Grandezza riduttore *Size gearboxe*	Versione riduttore *Gearbox Version*	Posizione flangia uscita *Position Output flange*	Rapporto rid. = i *Ratio = i*	Predispos. attacco motore *Motor coupling*	Forma costruttiva *Version*	Posizione di montaggio *Mounting position*	Albero uscita *Output shaft*	Braccio di reazione *Torque arm*
VR	**063/ 040**		**P**	**-**	**R73.5**	**63**	**B5**	**U**	**AD**	**BR**
	**063/040** **063/050** **071/050** **071/063** **071/075** **080/075** **080/090** **080/110** **090/090** **090/110** **090/130**		**P** **FA** **FB** **FC** **FD** **FE**	**-** **DX** **SX**	**R61.2** **R73.5** **R75** **R88.2** **R90** **R98** **R117.5** **R120** **R122.5** **R147** **R150** **R176.4** **R180** **R235.2** **R240** **R294** **R300** (1) VP6	**63** **71** **80** **90**	**B5**	**U*** **B3** **B6** **B7** **B8** **V5** **V6** 10	**AS**  **AD**  VP75	**BR**  VP75

Versione riduttore / *Gearbox version*



(1) Rapporti di riduzione reali del kit precoppia, consultare tab. p.20

* Dalla gr. 25 alla 63, i riduttori sono forniti in posizione U = Universale

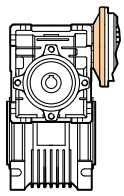
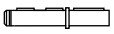
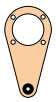
(1) Actual reduction ratios, see table p.20

** From size 25 to 63, the gearboxes are supplied in position U = Universal*

Designazione / *Designation*

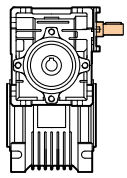
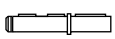
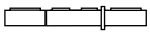
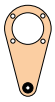
RIDUTTORE COMBINATI A VITE SENZA FINE / COMBINATION *WORM GEARBOXES*

ACCESSORI / *ACCESSORIES*

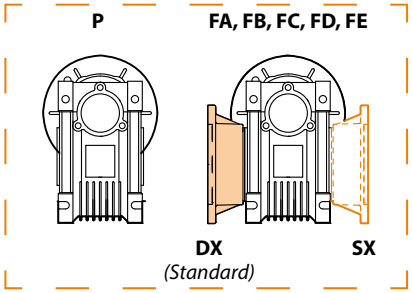
Riduttore *Gearbox*	Grandezza riduttore entrata *Size input gearbox*	Grandezza riduttore uscita *Size output gearbox*	Versione riduttore *Gearbox Version*	Posizione flangia uscita *Position Output flange*	Rapporto rid. = i *Ratio = i*	Predispos. attacco motore *Motor coupling*	Forma costruttiva *Version*	Esecuzione *Version*	Posizione di montaggio *Mounting position*	Albero uscita *Output shaft*	Braccio di reazione *Torque arm*
VC	**030/040**		**P**	**-**	**R5000**	**63**	**B5**	**ADO**	**U**	**AD**	**BR**
	025/030 025/040 030/040 030/050 030/063 040/075 040/090 050/110 063/130 063/150		P FA FB FC FD FE	- DX SX	R100 R150 R200 R250 R300 R400 R500 R600 R750 R900 R1200 R1500 R1800 R2400 R3000 R4000 R4800 R5000	56 63 71 80 90	B5 B14	ADO BDO ADV BDV ASO BSO ASV BSV 10	U* B3 B6 B7 B8 V5 V6 (1) 10	AS  AD  VP75	BR  VP75

RIDUTTORE COMBINATI A VITE SENZA FINE / COMBINATION *WORM GEARBOXES*

ACCESSORI / *ACCESSORIES*

Riduttore *Gearbox*	Grandezza riduttore entrata *Size input gearbox*	Grandezza riduttore uscita *Size output gearbox*	Versione riduttore *Gearbox Version*	Posizione flangia uscita *Position Output flange*	Rapporto rid. = i *Ratio = i*	Esecuzione *Version*	Posizione di montaggio *Mounting position*	Albero uscita *Output shaft*	Braccio di reazione *Torque arm*
VS	**030/040**		**P**	**-**	**R5000**	**ADO**	**U**	**AD**	**BR**
	030/040 030/050 030/063 040/075 040/090 050/110 063/130 063/150		P FA FB FC FD FE	- DX SX	R100 R150 R200 R250 R300 R400 R500 R600 R750 R900 R1200 R1500 R1800 R2400 R3000 R4000 R4800 R5000	ADO BDO ADV BDV ASO BSO ASV BSV 10	U* B3 B6 B7 B8 V5 V6 (1) 10	AS  AD  VP75	BR  VP75

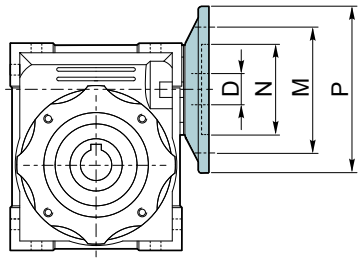
Versione riduttore / *Gearbox version*



(1) Posizione di montaggio riferita al riduttore uscita
* Dalla gr. 25 alla 63, i riduttori sono forniti in posizione U = Universale

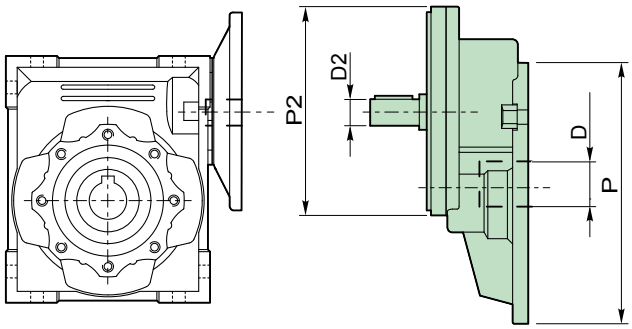
(1) Mounting position refers to output gearbox
** From size 25 to 63, the gearboxes are supplied in position U = Universal*

Predisposizioni IEC / *IEC Pre-arrangements*



VP	IEC	N	M	P	D											
					R5	R7.5	R10	R15	R20	R25	R30	R40	R50	R60	R80	R100
025	56B14	50	65	80	9	9	9	9	9	9	9	9	9	9	-	-
030	63B5	95	115	140	11	11	11	11	11	11	11	11	11	11	-	-
	63B14	60	75	90												
	56B5	80	100	120	9	9	9	9	9	9	9	9	9	9	9	-
	56B14	50	65	80												
040	71B5	110	130	160	14	14	14	14	14	14	14	14	14	14	14	14
	71B14	70	85	105												
	63B5	95	115	140	11	11	11	11	11	11	11	11	11	11	11	11
	63B14	60	75	90												
	56B5	80	100	120	-	-	-	-	-	-	-	-	9	9	9	9
050	80B5	130	165	200	19	19	19	19	19	19	19	19	19	19	19	19
	80B14	80	100	120												
	71B5	110	130	160	14	14	14	14	14	14	14	14	14	14	14	14
	71B14	70	85	105												
	63B5	95	115	140	-	-	-	-	-	-	-	11	11	11	11	11
063	90B5	130	165	200	-	24	24	24	24	24	24	24	24	-	-	-
	90B14	95	115	140												
	80B5	130	165	200	-	19	19	19	19	19	19	19	19	19	19	19
	80B14	80	100	120												
	71B5	110	130	160	-	14	14	14	14	14	14	14	14	14	14	14
	71B14	70	85	105												
075	100/112B5	180	215	250	-	28	28	28	28	28	28	-	-	-	-	-
	100/112B14	110	130	160												
	90B5	130	165	200	-	24	24	24	24	24	24	24	24	24	24	24
	90B14	95	115	140												
	80B5	130	165	200	-	19	19	19	19	19	19	19	19	19	19	19
	80B14	80	100	120												
	71B5	110	130	160	-	14	14	14	14	14	14	14	14	14	14	14
090	100/112B5	180	215	250	-	28	28	28	28	28	28	28	-	-	-	-
	100/112B14	110	130	160												
	90B5	130	165	200	-	24	24	24	24	24	24	24	24	24	24	24
	90B14	95	115	140												
	80B5	130	165	200	-	19	19	19	19	19	19	19	19	19	19	19
	80B14	80	100	120												
110	132B5	230	265	300	-	38	38	38	38	38	38	38	-	-	-	-
	132 B14	130	165	200												
	100/112B5	180	215	250	-	28	28	28	28	28	28	28	28	28	-	-
	100/112B14	110	130	160												
	90B5	130	165	200	-	24	24	24	24	24	24	24	24	24	24	24
	90B14	95	115	140												
	80B5	130	165	200	-	-	-	-	-	-	-	-	19	19	19	19
130	132B5	230	265	300	-	38	38	38	38	38	38	38	-	-	-	-
	132 B14	130	165	200												
	100/112B5	180	215	250	-	-	-	-	-	28	28	28	28	28	28	28
	100/112B14	110	130	160												
	90B5	130	165	200	-	-	-	-	-	-	-	-	-	-	24	24
150	160B5	250	300	350	-	42	42	42	42	42	-	-	-	-	-	-
	132B5	230	265	300	-	-	-	-	38	38	38	38	38	38	-	-
	100/112B5	180	215	250	-	-	-	-	-	-	-	28	28	28	28	28

Predisposizioni IEC / *IEC Pre-arrangements*

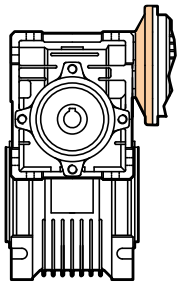


IEC: P / D

VR	CODICE / *CODE*	P	D	P2	D2
063/040 063/050	PR063A11	140	11	105	11
	PR063A14	140	11	105	14
071/050 071/063 071/075	PR071A14	160	14	120	14
	PR071A19	160	14	120	19
080/075 080/090 080/110	PR080A19	200	19	160	19
	PR080A24	200	19	160	24
090/090 090/110 090/130	PR090A24	200	24	160	24
	PR090A28	200	24	160	28

i = R1 x R2		Grandezza precoppia / *Size pre-stage*			
Grandezza riduttore *Size gearbox*		063	071	080	090
		IEC 140 / 11	IEC 160 / 14	IEC 200 /19	IEC 200 /24
	R2	R1 = 2.94	R1 = 2.94	R1 = 3	R1 = 2.45
VR ... / 040	25	i = 73.5			
	30	i = 88.2			
	40	i = 117.6			
	50	i = 147			
	60	i = 176.4			
	80	i = 235.2			
	100	i = 294			
VR ... / 050	25		i = 73.5		
	30		i = 88.2		
	40	i = 117.6	i = 117.6		
	50	i = 147	i = 147		
	60	i = 176.4	i = 176.4		
	80	i = 235.2	i = 235.2		
	100	i = 294			
VR ... / 063	25				
	30				
	40		i = 117.6		
	50		i = 147		
	60		i = 176.4		
	80		i = 235.2		
	100		i = 294		
VR ... / 075	25			i = 75	
	30			i = 90	
	40			i = 120	
	50		i = 147	i = 150	
	60		i = 176.4	i = 180	
	80		i = 235.2	i = 240	
	100		i = 294	i = 300	
VR ... / 090	25				i = 61.2
	30				i = 73.5
	40			i = 120	i = 98
	50			i = 150	i = 122.5
	60			i = 180	i = 147
	80			i = 240	
	100			i = 300	
VR ... /110	25				i = 61.2
	30				i = 73.5
	40				i = 98
	50				i = 122.5
	60				i = 147
	80			i = 240	i = 196
	100			i = 300	i = 245
VR ... / 130	25				
	30				
	40				
	50				
	60				
	80				i = 196
	100				i = 245

Predisposizioni IEC / *IEC Pre-arrangements*

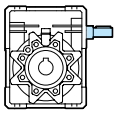


i = R1 x R2
R1 = Rapporto di riduzione riduttore entrata
Ratio input gearbox
R2 = Rapporto di riduzione riduttore uscita
Ratio output gearbox

VC	i	n2	IEC	R1	R2
025 / 030	100	14	56	10	10
	150	9.3		10	15
	200	7		10	20
	250	5.6		10	25
	300	4.7		10	30
	400	3.5		20	20
	500	2.8		20	25
	600	2.3		20	30
	750	1.9		30	25
	900	1.6		30	30
	1200	1.2		40	30
	1500	0.93		50	30
	1800	0.78		60	30
	2400	0.58		60	40
	3000	0.47		60	50
025 / 040	100	14	56	10	10
	150	9.3		10	15
	200	7		10	20
	250	5.6		10	25
	300	4.7		10	30
	400	3.5		10	40
	500	2.8		20	25
	600	2.3		20	30
	750	1.9		25	30
	900	1.6		30	30
	1200	1.2		40	30
	1500	0.93		50	30
	1800	0.78		60	30
	2400	0.58		60	40
	3000	0.47		60	50
	4000	0.35		50	80
	5000	0.28		50	100
030 / 040	100	14	56 63	10	10
	150	9.3		10	15
	200	7		10	20
	250	5.6		10	25
	300	4.7		10	30
	400	3.5		10	40
	500	2.8		20	25
	600	2.3		20	30
	750	1.9		30	25
	900	1.6		30	30
	1200	1.2		40	30
	1500	0.93		50	30
	1800	0.78		60	30
	2400	0.58		60	40
	3200	0.47		80	40
	4000	0.35		50	80
	5000	0.28		50	100
030 / 050	100	14	56 63	10	10
	150	9.3		10	15
	200	7		10	20
	250	5.6		10	25
	300	4.7		10	30
	400	3.5		10	40
	500	2.8		10	50
	600	2.3		20	30
	750	1.9		25	30
	900	1.6		30	30
	1200	1.2		40	30
	1500	0.93		50	30
	1800	0.78		60	30
	2400	0.58		60	40
	3000	0.47		60	50
	4000	0.35		50	80
	4800	0.29		60	80

VC	i	n2	IEC	R1	R2
030 / 063	100	14	56 63	10	10
	150	9.3		10	15
	200	7		10	20
	250	5.6		10	25
	300	4.7		10	30
	400	3.5		10	40
	500	2.8		10	50
	600	2.3		20	30
	750	1.9		25	30
	900	1.6		30	30
	1200	1.2		40	30
	1500	0.93		50	30
	1800	0.78		60	30
	2400	0.58		60	40
	3000	0.47		60	50
	4000	0.35		50	80
	5000	0.29		50	100
040 / 075 040 / 090	200	7	63	10	20
	250	5.6		10	25
	300	4.7		10	30
	400	3.5		10	40
	500	2.8		10	50
	600	2.3		20	30
	750	1.9		25	30
	900	1.6		30	30
	1200	1.2		40	30
	1500	0.93		50	30
	1800	0.78		60	30
	2400	0.58		60	40
	3000	0.47		60	50
	4000	0.35		80	50
	5000	0.28		100	50
050 / 110	100	14	63 71 80	10	10
	150	9.3		10	15
	200	7		10	20
	250	5.6		10	25
	300	4.7		10	30
	400	3.5		10	40
	500	2.8		20	25
	600	2.3		20	30
	750	1.9		25	30
	900	1.6		30	30
	1200	1.2		40	30
	1500	0.93		50	30
	1800	0.78		60	30
	2400	0.58		60	40
	3000	0.47		60	50
	4000	0.35		80	50
	5000	0.28		100	50
063 / 130 063 /150	250	5.6	71 80 90	10	25
	300	4.7		10	30
	400	3.5		10	40
	500	2.8		10	50
	600	2.3		20	30
	750	1.9		25	30
	900	1.6		30	30
	1200	1.2		40	30
	1500	0.93		50	30
	1800	0.78		60	30
	2400	0.58		60	40
	3000	0.47		60	50
	4000	0.35		80	50
	5000	0.28		100	50

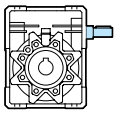
Dati tecnici riduttore / Gearbox *technical data*



i	n_1	n_2		Grandezza / *Size*									
				025 (1)	030	040	050	063	075	090	110	130	150
R5	2800	560	Mm_2 [Nm]	-	10	25	43	-	-	-	-	-	-
			Pm_1 [kW]	-	0.65	1.6	2.8	-	-	-	-	-	-
			Rd	0.86	0.88	0.87	0.88	-	-	-	-	-	-
			Fr_2 [N]	-	450	900	1200	-	-	-	-	-	-
			Fr_1 [N]	-	90	170	240	-	-	-	-	-	-
	1400	280	Mm_2 [Nm]	-	18	34	62	-	-	-	-	-	-
			Pm_1 [kW]	-	0.61	1.1	2.0	-	-	-	-	-	-
			Rd	0.86	0.86	0.88	0.87	-	-	-	-	-	-
			Fr_2 [N]	-	597	1149	1577	-	-	-	-	-	-
			Fr_1 [N]	-	150	250	350	-	-	-	-	-	-
	900	180	Mm_2 [Nm]	-	20	44	75	-	-	-	-	-	-
			Pm_1 [kW]	-	0.44	0.87	1.6	-	-	-	-	-	-
			Rd	0.82	0.84	0.84	0.84	-	-	-	-	-	-
			Fr_2 [N]	-	692	1331	1827	-	-	-	-	-	-
			Fr_1 [N]	-	175	290	400	-	-	-	-	-	-
	500	100	Mm_2 [Nm]	-	20	44	75	-	-	-	-	-	-
			Pm_1 [kW]	-	0.24	0.45	0.85	-	-	-	-	-	-
			Rd	0.80	0.82	0.82	0.83	-	-	-	-	-	-
			Fr_2 [N]	-	692	1331	1827	-	-	-	-	-	-
			Fr_1 [N]	-	175	290	400	-	-	-	-	-	-
R7.5	2800	373.3	Mm_2 [Nm]	-	13	28	52	93	130	210	391	520	840
			Pm_1 [kW]	-	0.58	1.2	2.3	4.0	5.7	9.0	16.8	22.3	35.7
			Rd	0.84	0.85	0.86	0.87	0.87	0.88	0.88	0.88	0.89	0.90
			Fr_2 [N]	-	542	1044	1433	1873	2210	2446	3090	4042	5526
			Fr_1 [N]	-	125	233	324	395	560	715	950	1190	1550
	1400	186.7	Mm_2 [Nm]	-	18	40	71	128	185	290	552	750	1200
			Pm_1 [kW]	-	0.4	0.9	1.6	2.8	4.1	6.4	12.1	16.3	25.8
			Rd	0.84	0.84	0.86	0.87	0.87	0.88	0.89	0.89	0.90	0.91
			Fr_2 [N]	-	683	1315	1805	2359	2785	3081	3893	5092	6962
			Fr_1 [N]	-	150	294	401	500	700	900	1200	1500	1950
	900	120	Mm_2 [Nm]	-	20	44	84	151	215	340	650	880	1400
			Pm_1 [kW]	-	0.30	0.66	1.2	2.2	3.1	4.9	9.3	12.4	19.6
			Rd	0.80	0.81	0.82	0.83	0.84	0.85	0.85	0.86	0.87	0.88
			Fr_2 [N]	-	792	1524	2091	2734	32227	3570	4511	5901	8067
			Fr_1 [N]	-	175	319	448	580	810	1040	1390	1740	2270
	500	66.7	Mm_2 [Nm]	-	24	54	103	184	260	410	794	1080	1700
			Pm_1 [kW]	-	0.21	0.45	0.87	1.5	2.2	3.3	6.4	8.7	13.5
			Rd	0.78	0.79	0.80	0.81	0.82	0.83	0.83	0.84	0.85	0.86
			Fr_2 [N]	-	963	1853	2544	3325	3925	4343	5488	7178	9812
			Fr_1 [N]	-	210	350	490	700	980	1270	1700	2100	2800
R10	2800	280	Mm_2 [Nm]	-	13	29	54	97	145	235	437	580	890
			Pm_1 [kW]	-	0.45	1.0	1.8	3.2	4.8	7.7	14.2	18.9	28.4
			Rd	0.83	0.83	0.85	0.85	0.86	0.87	0.87	0.87	0.88	0.89
			Fr_2 [N]	-	597	1149	1577	2061	2433	2692	3401	4449	6082
			Fr_1 [N]	-	140	272	378	463	703	900	1194	1493	1848
	1400	140	Mm_2 [Nm]	-	18	40	72	130	195	310	598	820	1240
			Pm_1 [kW]	-	0.3	0.7	1.2	2.2	3.3	5.2	10.0	13.5	20.2
			Rd	0.82	0.81	0.85	0.84	0.86	0.87	0.88	0.88	0.88	0.90
			Fr_2 [N]	-	752	1447	1987	2597	3065	3391	4285	5605	7663
			Fr_1 [N]	-	169	331	490	615	851	1082	1463	1845	2267
	900	90	Mm_2 [Nm]	-	20	44	84	153	230	370	713	960	1480
			Pm_1 [kW]	-	0.24	0.51	0.95	1.7	2.6	4.1	7.7	10.4	15.7
			Rd	0.78	0.79	0.80	0.81	0.82	0.83	0.84	0.85	0.86	0.87
			Fr_2 [N]	-	871	1677	2302	3009	3551	3929	4956	6494	8878
			Fr_1 [N]	-	197	350	490	661	975	1270	1700	2100	2700
	500	50	Mm_2 [Nm]	-	24	54	103	185	270	435	851	1160	1780
			Pm_1 [kW]	-	0.16	0.35	0.67	1.2	1.7	2.7	5.2	7.1	10.7
			Rd	0.76	0.76	0.78	0.80	0.80	0.81	0.82	0.83	0.83	0.84
			Fr_2 [N]	-	1060	2040	2800	3660	4320	4780	6040	7900	10800
			Fr_1 [N]	-	210	350	490	700	980	1270	1700	2100	2800

(1) Grandezza 025 non disponibile versione VI / *Size 025 not allowed version VI*

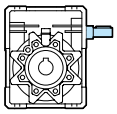
Dati tecnici riduttore / Gearbox *technical data*



i	n_1	n_2		Grandezza / *Size*									
				025 (1)	030	040	050	063	075	090	110	130	150
R15	2800	186.7	Mm_2 [Nm]	-	13	31	57	103	150	270	489	670	910
			Pm_1 [kW]	-	0.32	0.72	1.3	2.3	3.4	6.0	10.9	14.7	19.8
			Rd	0.79	0.80	0.81	0.83	0.83	0.84	0.85	0.85	0.86	0.87
			Fr_2 [N]	-	683	1315	1805	2389	2785	3081	3893	5092	6962
			Fr_1 [N]	-	140	291	399	492	727	1034	1337	1725	1889
	1400	93.3	Mm_2 [Nm]	-	18	40	74	140	200	360	656	920	1250
			Pm_1 [kW]	-	0.2	0.5	0.9	1.7	2.3	4.1	7.5	10.3	13.9
			Rd	0.78	0.76	0.81	0.80	0.82	0.84	0.85	0.85	0.86	0.88
			Fr_2 [N]	-	861	1657	2274	2973	3509	3882	4905	6416	8771
			Fr_1 [N]	-	169	331	490	615	851	1257	1604	2070	2285
	900	60	Mm_2 [Nm]	-	20	45	84	155	235	420	759	1060	1450
			Pm_1 [kW]	-	0.17	0.36	0.67	1.2	1.8	3.2	5.7	7.8	10.5
			Rd	0.73	0.74	0.75	0.77	0.78	0.80	0.81	0.82	0.83	0.84
			Fr_2 [N]	-	997	1920	2635	3444	4065	4498	5684	7434	10163
			Fr_1 [N]	-	197	350	490	670	980	1270	1700	2100	2645
	500	33	Mm_2 [Nm]	-	24	55	103	187	280	490	909	1300	1730
			Pm_1 [kW]	-	0.12	0.26	0.47	0.85	1.3	2.1	3.9	5.5	7.2
			Rd	0.70	0.71	0.72	0.74	0.75	0.77	0.78	0.79	0.80	0.81
			Fr_2 [N]	-	1213	2335	32005	4190	4945	5472	6914	9043	12363
			Fr_1 [N]	-	210	350	490	700	980	1270	1700	2100	2800
R20	2800	140	Mm_2 [Nm]	-	12	29	53	100	160	260	483	660	980
			Pm_1 [kW]	-	0.23	0.52	0.95	1.7	2.8	4.4	8.1	11.0	16.0
			Rd	0.77	0.75	0.79	0.80	0.82	0.83	0.83	0.84	0.85	0.86
			Fr_2 [N]	-	752	1447	1987	2597	3065	3391	4285	5605	7663
			Fr_1 [N]	-	146	204	417	538	872	1120	1485	1912	2289
	1400	70	Mm_2 [Nm]	-	18	39	73	135	210	355	644	910	1300
			Pm_1 [kW]	-	0.2	0.4	0.7	1.2	1.9	3.1	5.6	7.8	11.0
			Rd	0.74	0.72	0.77	0.77	0.80	0.81	0.83	0.84	0.85	0.86
			Fr_2 [N]	-	948	1824	2503	3272	3862	4273	5399	7062	9654
			Fr_1 [N]	-	190	350	490	667	980	1270	1700	2100	2674
	900	45	Mm_2 [Nm]	-	20	44	77	148	235	390	725	1040	1500
			Pm_1 [kW]	-	0.13	0.28	0.48	0.91	1.4	2.3	4.1	5.9	8.3
			Rd	0.71	0.68	0.73	0.74	0.77	0.77	0.78	0.80	0.81	0.82
			Fr_2 [N]	-	1098	2113	2900	3791	4474	4951	6256	8182	11186
			Fr_1 [N]	-	210	350	490	700	980	1270	1700	2100	2800
	500	752	Mm_2 [Nm]	-	23	52	93	178	285	470	863	1230	1820
			Pm_1 [kW]	-	0.09	0.19	0.33	0.63	0.99	1.6	2.8	4.0	5.8
			Rd	0.67	0.65	0.69	0.71	0.73	0.74	0.75	0.77	0.78	0.79
			Fr_2 [N]	-	1336	2570	3528	4611	5443	6022	7610	9953	13607
			Fr_1 [N]	-	210	350	490	700	980	1270	1700	2100	2800
R25	2800	112	Mm_2 [Nm]	-	16	28	51	92	150	250	506	670	890
			Pm_1 [kW]	-	0.26	0.42	0.75	1.3	2.1	3.4	6.9	9.1	11.9
			Rd	0.73	0.74	0.75	0.77	0.80	0.81	0.82	0.83	0.84	0.85
			Fr_2 [N]	-	810	1559	2140	2797	3302	3653	4616	6038	8254
			Fr_1 [N]	-	210	236	482	593	980	1270	1700	2100	2494
	1400	56	Mm_2 [Nm]	-	21	38	70	130	200	340	679	930	1200
			Pm_1 [kW]	-	0.2	0.3	0.5	1.0	1.5	2.5	4.8	6.5	8.3
			Rd	0.72	0.73	0.74	0.74	0.77	0.79	0.81	0.83	0.83	0.84
			Fr_2 [N]	-	1021	1964	2696	3524	4160	4603	5816	7607	10400
			Fr_1 [N]	-	210	350	490	700	980	1270	1700	2100	2800
	900	36	Mm_2 [Nm]	-	23	43	75	137	215	370	759	1050	1380
			Pm_1 [kW]	-	0.14	0.23	0.39	0.70	1.1	1.8	3.5	4.9	6.2
			Rd	0.65	0.66	0.68	0.70	0.73	0.75	0.76	0.78	0.80	0.81
			Fr_2 [N]	-	1183	2276	3124	4084	4820	5333	6739	8814	12050
			Fr_1 [N]	-	210	350	490	700	980	1270	1700	2100	2800
	500	20	Mm_2 [Nm]	-	29	49	91	164	285	440	909	1200	1630
			Pm_1 [kW]	-	0.10	0.15	0.27	0.48	0.99	1.2	2.4	3.2	4.3
			Rd	0.62	0.61	0.64	0.67	0.70	0.71	0.73	0.75	0.77	0.78
			Fr_2 [N]	-	1439	2769	3800	4967	5443	6487	8198	10722	14658
			Fr_1 [N]	-	210	350	490	700	980	1270	1700	2100	2800

(1) Grandezza 025 non disponibile versione VI / *Size 025 not allowed version VI*

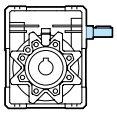
Dati tecnici riduttore / Gearbox *technical data*



i	n_1	n_2			Grandezza / *Size*									
					025 (1)	030	040	050	063	075	090	110	130	150
R30	2800	93.3	Mm_2	[Nm]	-	15	34	64	120	170	310	552	770	920
			Pm_1	[kW]	-	0.21	0.44	0.81	1.5	2.1	3.7	6.5	9.0	10.3
			Rd		0.70	0.70	0.72	0.74	0.76	0.77	0.78	0.79	0.80	0.81
			Fr_2	[N]	-	861	1657	2274	2973	3509	3882	4905	6416	8771
			Fr_1	[N]	-	210	350	490	700	980	1270	1700	2100	2800
	1400	46.7	Mm_2	[Nm]	-	20	45	84	160	230	410	725	1040	1200
			Pm_1	[kW]	-	0.2	0.3	0.6	1.1	1.5	2.6	4.5	6.4	7.0
			Rd		0.66	0.64	0.69	0.70	0.73	0.75	0.77	0.78	0.79	0.83
			Fr_2	[N]	-	1085	2087	2865	3745	4421	4891	6181	8084	11051
			Fr_1	[N]	-	210	350	490	700	980	1270	1700	2100	2800
	900	30	Mm_2	[Nm]	-	21	49	90	175	260	460	840	1170	1400
			Pm_1	[kW]	-	0.11	0.23	0.42	0.79	1.2	1.9	3.5	4.8	5.4
			Rd		0.62	0.62	0.64	0.66	0.69	0.70	0.72	0.73	0.74	0.75
			Fr_2	[N]	-	1257	2419	3320	4339	5122	5667	7161	9366	12805
			Fr_1	[N]	-	210	350	490	700	980	1270	1700	2100	2800
	500	16.7	Mm_2	[Nm]	-	26	58	108	200	300	550	1000	1400	1670
			Pm_1	[kW]	-	0.08	0.16	0.30	0.53	0.77	1.4	2.4	3.4	3.7
			Rd		0.58	0.58	0.60	0.62	0.64	0.66	0.67	0.69	0.71	0.72
			Fr_2	[N]	-	1529	2942	4038	5279	6231	6894	8711	11394	15576
			Fr_1	[N]	-	210	350	490	700	980	1270	1700	2100	2800
R40	2800	70	Mm_2	[Nm]	-	14	31	59	108	165	275	529	730	1200
			Pm_1	[kW]	-	0.16	0.32	0.59	1.1	1.6	2.6	4.8	6.5	10.5
			Rd		0.67	0.64	0.69	0.71	0.73	0.74	0.76	0.77	0.79	0.80
			Fr_2	[N]	-	948	1824	2503	3272	3862	4273	5399	7062	9654
			Fr_1	[N]	-	127	350	490	700	980	1270	1700	2100	2800
	1400	35	Mm_2	[Nm]	-	18	41	76	145	220	360	702	1050	1550
			Pm_1	[kW]	-	0.1	0.2	0.4	0.8	1.1	1.8	3.3	4.9	7.2
			Rd		0.61	0.58	0.64	0.65	.69	0.71	0.74	0.77	0.77	0.78
			Fr_2	[N]	-	1194	2298	3153	4122	4865	5383	6803	8897	12163
			Fr_1	[N]	-	210	350	490	700	980	1270	1700	2100	2800
	900	22.5	Mm_2	[Nm]	-	20	45	82	160	240	410	794	1100	1800
			Pm_1	[kW]	-	0.09	0.17	0.31	0.58	0.84	1.4	2.5	3.5	5.6
			Rd		0.58	0.54	0.60	0.62	0.65	0.66	0.68	0.70	0.71	0.72
			Fr_2	[N]	-	1383	2662	3654	4776	5637	6238	7882	10309	14094
			Fr_1	[N]	-	210	350	490	700	980	1270	1700	2100	2800
	500	12.5	Mm_2	[Nm]	-	23	53	98	185	280	480	932	1300	2120
			Pm_1	[kW]	-	0.06	0.12	0.22	0.40	0.58	0.94	1.7	2.4	3.4
			Rd		0.54	0.50	0.56	0.58	0.61	0.62	0.64	0.66	0.68	0.69
			Fr_2	[N]	-	1683	3238	4445	5810	6858	7588	9588	12540	17144
			Fr_1	[N]	-	210	350	490	700	980	1270	1700	2100	2800
R50	2800	56	Mm_2	[Nm]	-	13	30	53	100	150	265	495	700	1100
			Pm_1	[kW]	-	0.12	0.26	0.45	0.81	1.2	2.0	3.7	5.1	8.0
			Rd		0.62	0.61	0.64	0.67	0.69	0.72	0.73	0.75	0.77	0.78
			Fr_2	[N]	-	1021	1964	2696	3524	4160	4603	5816	7607	10400
			Fr_1	[N]	-	128	350	490	700	980	1270	1700	2100	2800
	1400	28	Mm_2	[Nm]	-	17	39	73	135	210	340	660	980	1400
			Pm_1	[kW]	-	0.1	0.2	0.3	0.6	0.9	1.4	2.6	3.8	5.3
			Rd		0.57	0.54	0.61	0.61	0.65	0.68	0.71	0.74	0.74	0.76
			Fr_2	[N]	-	1286	2485	3397	4440	5241	5799	7328	9584	13103
			Fr_1	[N]	-	210	350	490	700	980	1270	1700	2100	2800
	900	18	Mm_2	[Nm]	-	18	42	77	145	220	390	748	1050	1600
			Pm_1	[kW]	-	0.07	0.14	0.25	0.45	0.66	1.1	2.0	2.8	4.1
			Rd		0.52	0.51	0.54	0.58	0.60	0.63	0.65	0.67	0.68	0.69
			Fr_2	[N]	-	1490	2868	3936	5145	6073	6719	8491	11105	15182
			Fr_1	[N]	-	210	350	490	700	980	1270	1700	2100	2800
	500	10	Mm_2	[Nm]	-	21	49	91	173	250	450	880	1220	1870
			Pm_1	[kW]	-	0.05	0.10	0.17	0.32	0.44	0.75	1.4	1.9	2.8
			Rd		0.48	0.47	0.50	0.53	0.55	0.58	0.61	0.63	0.65	0.66
			Fr_2	[N]	-	1813	3488	4788	6259	7380	8174	10320	13500	18000
			Fr_1	[N]	-	210	350	490	700	980	1270	1700	2100	2800

(1) Grandezza 025 non disponibile versione VI / *Size 025 not allowed version VI*

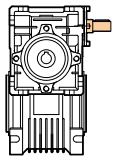
Dati tecnici riduttore / Gearbox *technical data*



i	n_1	n_2			Grandezza / *Size*									
					025 (1)	030	040	050	063	075	090	110	130	150
R60	2800	46.7	Mm_2	[Nm]	-	12	28	50	95	145	245	473	640	990
			Pm_1	[kW]	-	0.10	0.21	0.37	0.67	1.0	1.6	3.0	4.0	6.1
			Rd		0.58	0.56	0.60	0.63	0.66	0.68	0.70	0.72	0.74	0.75
			Fr_2	[N]	-	1085	2087	2865	3745	4421	4891	6181	8084	11051
			Fr_1	[N]	-	126	350	490	700	980	1270	1700	2100	2800
	1400	23.3	Mm_2	[Nm]	-	16	36	68	130	200	320	616	900	1260
			Pm_1	[kW]	-	0.1	0.2	0.3	0.5	0.8	1.1	2.1	3.0	4.2
			Rd		0.54	0050	0.57	0.57	0.61	0.64	0.668	0.71	0.71	0.73
			Fr_2	[N]	-	1367	2630	3610	4719	5569	6163	7787	10185	13924
			Fr_1	[N]	-	210	350	490	700	980	1270	1700	2100	2800
	900	15	Mm_2	[Nm]	-	17	39	72	138	210	350	682	940	1440
			Pm_1	[kW]	-	0.06	0.11	0.21	0.37	0.55	0.86	1.6	2.1	3.2
			Rd		0.48	0.47	0.50	0.53	0.56	0.58	0.61	0.63	0.66	0.67
			Fr_2	[N]	-	583	3047	4183	5467	6453	7140	9023	11801	16133
			Fr_1	[N]	-	210	350	490	700	980	1270	1700	2100	2800
	500	8.3	Mm_2	[Nm]	-	19	46	83	160	240	400	781	1070	1680
			Pm_1	[kW]	-	0.04	0.08	0.14	0.26	0.38	0.58	1.1	1.5	2.3
			Rd		0.43	0.43	0.45	0.49	0.51	0.54	0.56	0.58	0.62	0.63
			Fr_2	[N]	-	1830	3490	4840	6270	7380	8180	10320	13500	18000
			Fr_1	[N]	-	210	350	490	700	980	1270	1700	2100	2800
R80	2800	35	Mm_2	[Nm]	-	11	25	45	85	130	225	399	590	920
			Pm_1	[kW]	-	0.08	0.16	0.27	0.49	0.72	1.2	2.0	2.9	4.5
			Rd		-	0.53	0.57	0.60	0.63	0.65	0.67	0.69	0.72	0.73
			Fr_2	[N]	-	1194	2298	3153	4122	4865	5383	6803	8897	12163
			Fr_1	[N]	-	130	350	490	700	980	1270	1700	2100	2800
	1400	17.5	Mm_2	[Nm]	-	13	33	65	122	190	285	515	840	1150
			Pm_1	[kW]	-	0.1	0.1	0.2	0.4	0.6	0.8	1.4	2.3	3.1
			Rd		-	0.44	0.51	0.51	0.56	0.59	0.62	0.66	0.67	0.68
			Fr_2	[N]	-	1504	2895	3973	5193	6130	6783	8571	11210	15325
			Fr_1	[N]	-	210	350	490	700	980	1270	1700	2100	2800
	900	11.3	Mm_2	[Nm]	-	15	35	68	128	200	315	567	860	1300
			Pm_1	[kW]	-	0.04	0.09	0.16	0.29	0.43	0.63	1.1	1.6	2.3
			Rd		-	0.43	0.47	0.50	0.53	0.55	0.58	0.60	0.63	0.64
			Fr_2	[N]	-	1743	3354	4604	6018	7103	7859	9931	12989	17757
			Fr_1	[N]	-	210	350	490	700	980	1270	1700	2100	2800
	500	6.3	Mm_2	[Nm]	-	17	40	75	137	215	365	662	970	1530
			Pm_1	[kW]	-	0.03	0.06	0.11	0.19	0.28	0.45	0.75	1.1	1.7
			Rd		-	0.39	0.43	0.45	0.49	0.51	0.53	0.55	0.58	0.59
			Fr_2	[N]	-	1830	3490	4840	3270	7380	8180	10320	13500	18000
			Fr_1	[N]	-	210	350	490	700	980	1270	1700	2100	2800
R100	2800	28	Mm_2	[Nm]	-	-	23	40	74	120	200	368	520	810
			Pm_1	[kW]	-	-	0.12	0.21	0.37	0.57	0.9	1.5	2..2	3.3
			Rd		-	-	0.54	0.57	0.59	0.61	0.63	0.65	0.69	0.70
			Fr_2	[N]	-	-	2475	3397	4440	5241	5799	7328	9584	13103
			Fr_1	[N]	-	-	350	490	700	980	1270	1700	2100	2800
	1400	14	Mm_2	[Nm]	-	-	29	55	118	180	270	483	740	1000
			Pm_1	[kW]	-	-	0.1	0.2	0.3	0.5	0.7	1.1	1.7	2.3
			Rd		-	-	0.47	0.49	0.50	0.54	0.58	0.62	0.63	0.64
			Fr_2	[N]	-	-	3118	4280	5595	6603	7306	9232	12076	16508
			Fr_1	[N]	-	-	350	490	700	980	1270	1700	2100	2800
	900	9	Mm_2	[Nm]	-	-	32	56	124	190	280	515	780	1150
			Pm_1	[kW]	-	-	0.07	0.12	0.25	0.36	0.49	0.82	1.2	1.8
			Rd		-	-	0.44	0.46	0.49	0.51	0.53	0.56	0.59	0.60
			Fr_2	[N]	-	-	3490	4840	6270	7380	8180	10320	13500	18000
			Fr_1	[N]	-	-	350	490	700	980	1270	1700	2100	2800
	500	5	Mm_2	[Nm]	-	-	36	65	128	210	330	599	860	1350
			Pm_1	[kW]	-	-	0.05	0.09	0.16	0.24	0.35	0.58	0.83	1.29
			Rd		-	-	0.40	0.42	0.44	0.46	0.48	0.51	0.54	0.55
			Fr_2	[N]	-	-	3490	4840	6270	7380	8180	10320	13500	18000
			Fr_1	[N]	-	-	350	490	700	980	1270	1700	2100	2800

(1) Grandezza 025 non disponibile versione VI / *Size 025 not allowed version VI*

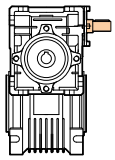
Dati tecnici riduttore / Gearbox *technical data*



i	n_1	n_2		Grandezza / *Size* 030/040	030/050	030/063	040/075	040/090	050/110	063/130	063/150
R100	2800	28	Mm_2 [Nm]	71	103	103	(1)	(1)	(1)	(1)	(1)
			Pm_1 [kW]	0.31	0.44	0.44					
			Fr_2 [N]	2769	3800	4967					
			Fr_1 [N]	140	140	140					
	1400	14	Mm_2 [Nm]	71	137	150					
			Pm_1 [kW]	0.16	0.31	0.34					
			Fr_2 [N]	2769	3800	4967					
			Fr_1 [N]	169	169	169					
	900	9	Mm_2 [Nm]	71	137	166					
			Pm_1 [kW]	0.11	0.20	0.24					
			Fr_2 [N]	2769	3800	4967					
			Fr_1 [N]	197	197	197					
	500	5	Mm_2 [Nm]	71	137	198					
			Pm_1 [kW]	0.06	0.12	0.17					
			Fr_2 [N]	2769	3800	4967					
			Fr_1 [N]	210	210	210					
R150	2800	18.7	Mm_2 [Nm]	72	135	144	(1)	(1)	(1)	(1)	(1)
			Pm_1 [kW]	0.22	0.42	0.44					
			Fr_2 [N]	3169	4350	5686					
			Fr_1 [N]	140	140	140					
	1400	9.3	Mm_2 [Nm]	72	135	211					
			Pm_1 [kW]	0.12	0.22	0.34					
			Fr_2 [N]	3169	4350	5686					
			Fr_1 [N]	169	169	169					
	900	6	Mm_2 [Nm]	72	135	233					
			Pm_1 [kW]	0.08	0.14	0.24					
			Fr_2 [N]	3169	4350	5686					
			Fr_1 [N]	197	197	197					
	500	3.3	Mm_2 [Nm]	72	135	260					
			Pm_1 [kW]	0.04	0.06	0.16					
			Fr_2 [N]	3169	4350	5686					
			Fr_1 [N]	210	210	210					
R200	2800	14	Mm_2 [Nm]	65	120	182	336	487	832	(1)	(1)
			Pm_1 [kW]	0.16	0.30	0.44	0.65	0.93	1.78		
			Fr_2 [N]	3488	4788	6259	5904	6540	10320		
			Fr_1 [N]	140	140	140	350	350	378		
	1400	7	Mm_2 [Nm]	65	120	253	420	608	1139		
			Pm_1 [kW]	0.08	0.15	0.32	0.50	0.7	1.25		
			Fr_2 [N]	3488	4788	6259	5904	6540	10320		
			Fr_1 [N]	169	169	169	350	350	490		
	900	4.5	Mm_2 [Nm]	65	120	253	420	608	1139		
			Pm_1 [kW]	0.05	0.10	0.21	0.33	0.46	0.82		
			Fr_2 [N]	3488	4788	6259	5904	6540	10320		
			Fr_1 [N]	197	197	197	350	350	490		
	500	2.5	Mm_2 [Nm]	65	120	253	420	608	1139		
			Pm_1 [kW]	0.03	0.06	0.12	0.18	0.27	0.47		
			Fr_2 [N]	3488	4788	6259	5904	6540	10320		
			Fr_1 [N]	210	210	210	350	350	490		

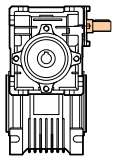
(1): i a richiesta / *i on request*

Dati tecnici riduttore / Gearbox *technical data*



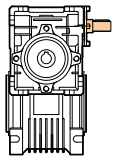
i	n_1	n_2			Grandezza / *Size*							
					030/040	030/050	030/063	040/075	040/090	050/110	063/130	063/150
R250	2800	11.2	Mm_2	[Nm]	61	110	218	304	450	1013	1530	1864
			Pm_1	[kW]	0.13	0.23	0.44	0.53	0.71	1.78	2.69	3.27
			Fr_2	[N]	3490	4840	6270	6640	7360	10320	13500	18000
			Fr_1	[N]	140	140	140	350	350	378	471	471
	1400	5.6	Mm_2	[Nm]	61	110	231	380	564	1173	1530	2050
			Pm_1	[kW]	0.07	0.12	0.24	0.40	0.54	1.05	1.37	1.84
			Fr_2	[N]	3490	4840	6270	6640	7360	10320	13500	18000
			Fr_1	[N]	169	169	169	350	350	490	595	595
	900	3.6	Mm_2	[Nm]	61	110	231	380	564	1173	1530	2050
			Pm_1	[kW]	0.04	0.08	0.16	0.26	0.35	0.69	0.90	1.21
			Fr_2	[N]	3490	4840	6270	6640	7360	10320	13500	18000
			Fr_1	[N]	197	197	197	350	350	490	661	661
	500	2	Mm_2	[Nm]	61	110	231	380	564	1173	1530	2050
			Pm_1	[kW]	0.03	0.05	0.09	0.18	0.20	0.40	0.52	0.70
			Fr_2	[N]	3490	4840	6270	6640	7360	10320	13500	18000
			Fr_1	[N]	210	210	210	350	350	490	700	700
R300	2800	9.3	Mm_2	[Nm]	73	145	255	316	500	1085	1760	1678
			Pm_1	[kW]	0.14	0.27	0.51	0.62	0.92	1.78	2.84	2.45
			Fr_2	[N]	3490	4840	6270	7380	8180	10320	13500	18000
			Fr_1	[N]	140	140	125	350	350	378	471	516
	1400	4.7	Mm_2	[Nm]	73	145	255	390	610	1265	1760	2312
			Pm_1	[kW]	0.07	0.14	0.26	0.38	0.56	1.06	1.45	1.75
			Fr_2	[N]	3490	4840	6270	7380	8180	10320	13500	18000
			Fr_1	[N]	210	169	150	350	350	490	595	660
	900	3	Mm_2	[Nm]	73	145	255	449	689	1265	1760	2340
			Pm_1	[kW]	0.05	0.09	0.17	0.28	0.41	0.70	0.96	1.16
			Fr_2	[N]	3490	4840	6270	7380	8180	10320	13500	18000
			Fr_1	[N]	197	197	175	350	350	490	661	700
	500	1.7	Mm_2	[Nm]	73	145	255	449	689	1265	1760	2340
			Pm_1	[kW]	0.03	0.05	0.08	0.16	0.23	0.40	0.55	0.68
			Fr_2	[N]	3490	4840	6270	7380	8180	10320	13500	18000
			Fr_1	[N]	210	210	210	350	350	490	700	700
R400	2800	7	Mm_2	[Nm]	65	124	255	292	500	1185	1650	2624
			Pm_1	[kW]	0.10	0.20	0.39	0.45	0.74	1.50	20.9	3.27
			Fr_2	[N]	3490	4840	6270	7380	8180	10320	13500	18000
			Fr_1	[N]	140	140	140	350	350	378	471	471
	1400	3.5	Mm_2	[Nm]	65	124	255	360	610	1185	1650	2670
			Pm_1	[kW]	0.06	0.10	0.20	0.28	0.45	0.77	1.07	1.70
			Fr_2	[N]	3490	4840	6270	7380	8180	10320	13500	18000
			Fr_1	[N]	210	169	169	350	350	490	595	595
	900	2.3	Mm_2	[Nm]	65	124	255	414	689	1185	1650	2670
			Pm_1	[kW]	0.04	0.07	0.13	0.21	0.33	0.51	0.70	1.12
			Fr_2	[N]	3490	4840	6270	7380	8180	10320	13500	18000
			Fr_1	[N]	197	197	197	350	350	490	661	661
	500	1.3	Mm_2	[Nm]	65	124	255	414	689	1185	1650	2670
			Pm_1	[kW]	0.02	0.04	0.08	0.13	0.17	0.29	0.41	0.65
			Fr_2	[N]	3490	4840	6270	7380	8180	10320	13500	18000
			Fr_1	[N]	210	210	210	350	350	490	700	700

Dati tecnici riduttore / Gearbox *technical data*



i	n_1	n_2			Grandezza / *Size*							
					030/040	030/050	030/063	040/075	040/090	050/110	063/130	063/150
R500	2800	5.6	Mm_2	[Nm]	61	120	236	259	459	994	1550	2330
			Pm_1	[kW]	0.07	0.16	0331	0.34	0.57	0.94	1.65	2.48
			Fr_2	[N]	3490	4840	6270	7380	8180	10320	13500	18000
			Fr_1	[N]	146	140	140	350	350	417	471	471
	1400	2.8	Mm_2	[Nm]	61	120	236	320	560	1173	1550	2330
			Pm_1	[kW]	0.04	0.08	0.16	0.21	0.35	0.57	0.84	1.27
			Fr_2	[N]	3490	4840	6270	7380	8180	10320	13500	18000
			Fr_1	[N]	210	169	169320	350	350	490	595	595
	900	1.8	Mm_2	[Nm]	61	120	236	368	633	1173	1550	2330
			Pm_1	[kW]	0.02	0.06	0.11	0.16	0.25	0.38	0.55	0.83
			Fr_2	[N]	3490	4840	6270	7380	8180	10320	13500	18000
			Fr_1	[N]	210	197	197	350	350	490	661	661
	500	1	Mm_2	[Nm]	61	120	236	368	633	1173	1550	2330
			Pm_1	[kW]	0.01	0.03	0.06	0.09	0.13	0.20	0.29	0.42
			Fr_2	[N]	3490	4840	6270	7380	8180	10320	13500	18000
			Fr_1	[N]	210	210	210	350	350	490	700	700
R600	2800	4.7	Mm_2	[Nm]	73	145	220	316	500	1065	1760	2670
			Pm_1	[kW]	0.08	0.15	0.22	0.34	0.51	0.94	1.49	2.27
			Fr_2	[N]	3490	4840	6270	7380	8180	10320	13500	18000
			Fr_1	[N]	146	146	146	350	350	417	556	516
	1400	2.3	Mm_2	[Nm]	73	145	271	390	610	1265	1760	2670
			Pm_1	[kW]	0.05	0.08	0.15	0.21	0.31	0.58	0.77	1.18
			Fr_2	[N]	3490	4840	6270	7380	8180	10320	13500	18000
			Fr_1	[N]	210	180	180	350	350	490	700	660
	900	1.5	Mm_2	[Nm]	73	145	271	449	689	1265	1760	2670
			Pm_1	[kW]	0.03	0.05	0.10	0.16	0.23	0.39	0.52	0.77
			Fr_2	[N]	3490	4840	6270	7380	8180	10320	13500	18000
			Fr_1	[N]	210	210	210	350	350	490	700	700
	500		Mm_2	[Nm]	73	145	271	449	689	1265	1760	2670
			Pm_1	[kW]	0.01	0.02	0.06	0.09	0.12	0.21	0.27	0.38
			Fr_2	[N]	3490	4840	6270	7380	8180	10320	13500	18000
			Fr_1	[N]	210	210	210	350	350	490	700	700
R750	2800	3.7	Mm_2	[Nm]	73	145	271	316	459	1025	1760	2330
			Pm_1	[kW]	0.06	0.13	0.23	0.31	0.41	0.74	1.22	1.69
			Fr_2	[N]	3490	4840	6270	7380	8180	10320	13500	18000
			Fr_1	[N]	210	210	210	350	350	482	613	516
	1400	1.9	Mm_2	[Nm]	73	145	271	390	560	1265	1760	2330
			Pm_1	[kW]	0.04	0.07	0.13	0.19	0.25	0.48	0.64	0.87
			Fr_2	[N]	3490	4840	6270	7380	8180	10320	13500	18000
			Fr_1	[N]	210	210	210	350	350	490	700	660
	900	1.2	Mm_2	[Nm]	73	145	271	449	633	1265	1760	2330
			Pm_1	[kW]	0.02	0.05	0.09	0.14	0.18	0.32	0.43	0.58
			Fr_2	[N]	3490	4840	6270	7380	8180	10320	13500	18000
			Fr_1	[N]	210	210	210	350	350	490	700	700
	500		Mm_2	[Nm]	73	145	271	449	633	1265	1760	2330
			Pm_1	[kW]	0.01	0.02	0.05	0.08	0.10	0.17	0.22	0.30
			Fr_2	[N]	3490	4840	6270	7380	8180	10320	13500	18000
			Fr_1	[N]	210	210	210	350	350	490	700	700

Dati tecnici riduttore / Gearbox *technical data*



i	n_1	n_2			Grandezza / *Size* 030/040	030/050	030/063	040/075	040/090	050/110	063/130	063/150
R900	2800	3.1	Mm_2	[Nm]	73	145	271	316	414	1265	1760	2100
			Pm_1	[kW]	0.06	0.11	0.20	0.28	0.34	0.80	1.07	1.19
			Fr_2	[N]	3490	4840	6270	7380	8180	10320	13500	18000
			Fr_1	[N]	210	210	210	350	350	490	700	700
	1400	1.6	Mm_2	[Nm]	73	145	271	390	505	1265	1760	2100
			Pm_1	[kW]	0.04	0.06	0.11	0.17	0.21	0.42	0.56	0.62
			Fr_2	[N]	3490	4840	6270	7380	8180	10320	13500	18000
			Fr_1	[N]	210	210	210	350	350	490	700	700
	900	1	Mm_2	[Nm]	73	145	271	449	571	1265	1760	2100
			Pm_1	[kW]	0.02	0.04	0.08	0.13	0.15	0.29	0.38	0.42
			Fr_2	[N]	3490	4840	6270	7380	8180	10320	13500	18000
			Fr_1	[N]	210	210	210	350	350	490	700	700
	500		Mm_2	[Nm]	73	145	271	449	571	1265	1760	2100
			Pm_1	[kW]	0.01	0.02	0.04	0.07	0.08	0.16	0.20	0.24
			Fr_2	[N]	3490	4840	6270	7380	8180	10320	13500	18000
			Fr_1	[N]	210	210	210	350	3350	490	700	700
R1200	2800	2.3	Mm_2	[Nm]	73	145	256	310	500	1186	1760	2670
			Pm_1	[kW]	0.05	0.09	0.15	0.22	0.33	0.58	0.83	1.25
			Fr_2	[N]	3490	4840	6270	7380	8180	10320	13500	18000
			Fr_1	[N]	127	127	127	350	350	490	700	700
	1400	1.2	Mm_2	[Nm]	65	145	271	360	610	1265	1760	2670
			Pm_1	[kW]	0.03	0.05	0.09	0.13	0.20	0.34	0.45	0.66
			Fr_2	[N]	3490	4840	6270	7380	8180	10320	13500	18000
			Fr_1	[N]	210	210	210	350	350	490	700	700
	900	0.8	Mm_2	[Nm]	73	145	271	414	689	1265	1760	2670
			Pm_1	[kW]	0.02	0.03	0.06	0.10	0.15	0.23	0.31	0.45
			Fr_2	[N]	3490	4840	6270	7380	8180	10320	13500	18000
			Fr_1	[N]	210	210	210	350	350	490	700	700
	500		Mm_2	[Nm]	73	145	271	414	689	1265	1760	2670
			Pm_1	[kW]	0.01	0.02	0.04	0.06	0.08	0.13	0.16	0.24
			Fr_2	[N]	3490	4840	6270	7380	8180	10320	13500	18000
			Fr_1	[N]	210	210	210	350	350	490	700	700
R1500	2800	1.9	Mm_2	[Nm]	73	145	238	335	459	1065	1760	(1)
			Pm_1	[kW]	0.04	0.07	0.12	0.21	0.26	0.44	0.70	
			Fr_2	[N]	3490	4840	6270	7380	8180	10320	13500	
			Fr_1	[N]	128	128	128	350	350	490	700	
	1400	0.9	Mm_2	[Nm]	73	145	271	390	560	1265	1760	
			Pm_1	[kW]	0.03	0.04	0.08	0.12	0.16	0.29	0.38	
			Fr_2	[N]	3490	4840	6270	7380	8180	10320	13500	
			Fr_1	[N]	210	210	210	350	350	490	700	
	900	0.6	Mm_2	[Nm]	73	145	271	449	633	1265	1760	
			Pm_1	[kW]	0.01	0.03	0.05	0.09	0.12	0.20	0.26	
			Fr_2	[N]	3490	4840	6270	7380	8180	10320	13500	
			Fr_1	[N]	210	210	210	350	350	490	700	
	500		Mm_2	[Nm]	73	145	271	449	633	1265	1760	
			Pm_1	[kW]	0.01	0.02	0.03	0.05	0.07	0.12	0.14	
			Fr_2	[N]	3490	4840	6270	7380	8180	10320	13500	
			Fr_1	[N]	210	210	210	350	350	490	700	

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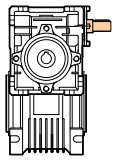
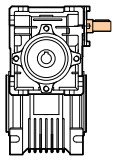
Dati tecnici riduttore / Gearbox *technical data*



i	n_1	n_2			Grandezza / *Size*							
					030/040	030/050	030/063	040/075	040/090	050/110	063/130	063/150
R1800	2800	1.6	Mm_2	[Nm]	73	145	220	335	414	1005	1760	2100
			Pm_1	[kW]	0.03	0.07	0.10	0.19	0.21	0.36	0.61	0.68
			Fr_2	[N]	3490	4840	6270	7380	8180	10320	13500	18000
			Fr_1	[N]	126	126	126	350	350	490	700	700
	1400	0.8	Mm_2	[Nm]	73	145	271	390	505	1265	1760	2100
			Pm_1	[kW]	0.02	0.04	0.07	0.11	0.13	0.26	0.33	0.37
			Fr_2	[N]	3490	4840	6270	7380	8180	10320	13500	18000
			Fr_1	[N]	210	210	210	350	350	490	700	700
	900	0.5	Mm_2	[Nm]	73	145	271	449	571	1265	1760	2100
			Pm_1	[kW]	0.01	0.03	0.05	0.08	0.09	0.18	0.23	0.26
			Fr_2	[N]	3490	4840	6270	7380	8180	10320	13500	18000
			Fr_1	[N]	210	210	210	350	350	490	700	700
	500		Mm_2	[Nm]	73	145	271	449	571	1265	1760	2100
			Pm_1	[kW]	0.01	0.02	0.03	0.05	0.05	0.10	0.12	0.14
			Fr_2	[N]	3490	4840	6270	7380	8180	10320	13500	18000
			Fr_1	[N]	210	210	210	350	350	490	700	700
R2400	2800	1.2	Mm_2	[Nm]	65	124	255	310	500	1185	1650	2610
			Pm_1	[kW]	0.03	0.05	0.09	0.14	0.20	0.33	0.45	0.70
			Fr_2	[N]	3490	4840	6270	7380	8180	10320	13500	18000
			Fr_1	[N]	126	126	126	350	350	490	700	700
	1400	0.6	Mm_2	[Nm]	65	124	255	360	610	1185	1650	2670
			Pm_1	[kW]	0.02	0.03	0.05	0.08	0.12	0.19	0.25	0.39
			Fr_2	[N]	3490	4840	6270	7380	8180	10320	13500	18000
			Fr_1	[N]	210	210	210	350	350	490	700	700
	900	0.4	Mm_2	[Nm]	65	124	255	414	689	1185	1650	2670
			Pm_1	[kW]	0.01	0.02	0.04	0.06	0.09	0.13	0.17	0.27
			Fr_2	[N]	3490	4840	6270	7380	8180	10320	13500	18000
			Fr_1	[N]	210	210	210	350	350	490	700	700
	500		Mm_2	[Nm]	65	124	255	414	689	1185	1650	2670
			Pm_1	[kW]	0.01	0.02	0.02	0.03	0.05	0.07	0.09	0.15
			Fr_2	[N]	3490	4840	6270	7380	8180	10320	13500	18000
			Fr_1	[N]	210	210	210	350	350	490	700	700
R3000	2800	0.9	Mm_2	[Nm]	(1)	120	236	282	459	1100	1550	2330
			Pm_1	[kW]		0.04	0.08	0.11	0.16	0.26	0.35	0.53
			Fr_2	[N]		4840	6270	7380	8180	10320	13500	18000
			Fr_1	[N]		126	126	350	350	490	700	700
	1400	0.5	Mm_2	[Nm]		120	236	320	560	1100	1550	2330
			Pm_1	[kW]		0.020	0.04	0.06	0.10	0.14	0.19	0.29
			Fr_2	[N]		4840	6270	7380	8180	10320	13500	18000
			Fr_1	[N]		210	210	350	350	490	700	700
	900	0.3	Mm_2	[Nm]		120	236	368	633	1100	1550	2330
			Pm_1	[kW]		0.02	0.03	0.04	0.07	0.10	0.13	0.20
			Fr_2	[N]		4840	6270	7380	8180	10320	13500	18000
			Fr_1	[N]		210	210	350	350	490	700	700
	500		Mm_2	[Nm]		120	236	368	633	1100	1550	2330
			Pm_1	[kW]		0.01	0.02	0.02	0.04	0.06	0.07	0.12
			Fr_2	[N]		4840	6270	7380	8180	10320	13500	18000
			Fr_1	[N]		210	210	350	350	490	700	700

(1): i a richiesta / *i on request*

Dati tecnici riduttore / Gearbox *technical data*



					Grandezza / *Size*							
					030/040	030/050	030/063	040/075	040/090	050/110	063/130	063/150
i	n_1	n_2										
R3200	2800	0.9	Mm_2	[Nm]	60	(1)	(1)	(1)	(1)	(1)	(1)	(1)
			Pm_1	[kW]	0.02							
			Fr_2	[N]	3490							
			Fr_1	[N]	126							
	1400	0.5	Mm_2	[Nm]	60							
			Pm_1	[kW]	0.01							
			Fr_2	[N]	3490							
			Fr_1	[N]	210							
	900	0.3	Mm_2	[Nm]	60							
			Pm_1	[kW]	0.01							
			Fr_2	[N]	3490							
			Fr_1	[N]	210							
	500		Mm_2	[Nm]	60							
			Pm_1	[kW]	0.01							
			Fr_2	[N]	3490							
			Fr_1	[N]	210							
R4000	2800	0.7	Mm_2	[Nm]	48	82	236	220	377	1100	1550	2330
			Pm_1	[kW]	0.01	0.02	0.06	0.07	0.11	0.21	0.28	0.43
			Fr_2	[N]	3490	4840	6270	7380	8180	10320	13500	18000
			Fr_1	[N]	128	128	130	350	350	490	700	700
	1400	0.4	Mm_2	[Nm]	48	82	236	250	460	1100	1550	2330
			Pm_1	[kW]	0.01	0.01	0.04	0.04	0.07	0.12	0.16	0.24
			Fr_2	[N]	3490	4840	6270	7380	8180	10320	13500	18000
			Fr_1	[N]	210	210	210	350	350	490	700	700
	900	0.2	Mm_2	[Nm]	48	82	236	288	520	1100	1550	2330
			Pm_1	[kW]	0.01	0.01	0.03	0.03	0.05	0.08	0.11	0.17
			Fr_2	[N]	3490	4840	6270	7380	8180	10320	13500	18000
			Fr_1	[N]	210	210	210	350	350	490	700	700
	500		Mm_2	[Nm]	48	82	236	288	520	1100	1550	2330
			Pm_1	[kW]	0.01	0.01	0.01	0.02	0.03	0.05	0.06	0.09
			Fr_2	[N]	3490	4840	6270	7380	8180	10320	13500	18000
			Fr_1	[N]	210	210	210	350	350	490	700	700
R4800 * R5000	2800	0.6	Mm_2	[Nm]	43	79	150	202	336	1100	1550	2330
			Pm_1	[kW]	0.01	0.02	0.04	0.05	0.08	0.18	0.25	0.37
			Fr_2	[N]	3490	4840	6270	7380	8180	10320	13500	18000
			Fr_1	[N]	128	128	128	350	350	490	700	700
	1400	0.3	Mm_2	[Nm]	43	79	150	230	410	1100	1550	2330
			Pm_1	[kW]	0.01	0.01	0.02	0.03	0.05	0.10	0.14	0.21
			Fr_2	[N]	3490	4840	6270	7380	8180	10320	13500	18000
			Fr_1	[N]	210	210	210	350	350	490	700	700
	900	0.2	Mm_2	[Nm]	43	79	150	265	463	1100	1550	2330
			Pm_1	[kW]	0.01	0.01	0.01	0.02	0.04	0.07	0.10	0.15
			Fr_2	[N]	3490	4840	6270	7380	8180	10320	13500	18000
			Fr_1	[N]	210	210	210	350	350	490	700	700
	500		Mm_2	[Nm]	43	79	150	265	463	1100	1550	2330
			Pm_1	[kW]	0.01	0.01	0.01	0.01	0.02	0.04	0.06	0.08
			Fr_2	[N]	3490	4840	6270	7380	8180	10320	13500	18000
			Fr_1	[N]	210	210	210	350	350	490	700	700

(1): i a richiesta / *i on request*

* : R4800 solo per VS 030/050 / *R4800 only for VS 030/050*

Tabella dati tecnici motoriduttori / *Table technical data gearmotors*

Pn_1 (kW)	n_2 (min^{-1})	M_2 (Nm)	fs	i				FR_2 (N)
0.06								
M1 056 0.06 4P... (n1 = 1400 min^{-1})	**280**	2	6.2	5	**VP025**			439
	280	2	10.1	5	**VP030**			597
	186.7	3	4.2	7.5	**VP025**			503
	186.7	3	6.9	7.5	**VP030**			683
	140	3	3.5	10	**VP025**			553
	140	3	5.4	10	**VP030**			752
	93.3	5	2.5	15	**VP025**			633
	93.3	5	3.8	15	**VP030**			861
	70	6	2	20	**VP025**			697
	70	6	3	20	**VP030**			948
	56	7	3	25	**VP030**			1021
	46.7	8	1.6	30	**VP025**			798
	46.7	8	2.5	30	**VP030**			1085
	35	10	1.3	40	**VP025**			878
	35	10	1.9	40	**VP030**			1194
	28	12*	0.9*	50	**VP025**			946
	28	11	1.5	50	**VP030**			1286
	28	13	3.3	50	**VP040**			2475
	23.3	14*	0.7*	60	**VP025**			1006
	23.3	13	1.3	60	**VP030**			1367
	23.3	14	2.6	60	**VP040**			2630
	17.5	14*	0.9*	80	**VP030**			1504
	17.5	17	1.9	80	**VP040**			2895
	14	25	1.3	100			**VC025/030**	1620
	14	20	1.5	100	**VP040**			3118
	14	26	2.7	100			**VC030/040**	2769
	9.3	32*	0.9*	150			**VC025/030**	1830
	9.3	37	1.9	150			**VC030/040**	3169
	7	41*	0.7*	200			**VC025/030**	1830
	7	47	1.4	200			**VC030/040**	3488
	7	47	2.6	200			**VC030/050**	4788
	5.6	44*	0.8*	250			**VC025/030**	1830
	5.6	55	1.1	250			**VC030/040**	3490
	5.6	55	2	250			**VC030/050**	4840
	4.7	59	1.2	300			**VC025/040**	3490
	4.7	57	1.3	300			**VC030/040**	3490
	4.7	61	2.4	300			**VC030/050**	4840
	3.5	71*	0.9*	400			**VC025/040**	3490
	3.5	70*	0.9*	400			**VC030/040**	3490
	3.5	73	1.7	400			**VC030/050**	4840
	3.5	76	3.4	400			**VC030/063**	6270
	2.8	96*	0.6*	500			**VC030/040**	3490
	2.8	82*	0.7*	500			**VC025/040**	3490
	2.8	85	1.4	500			**VC030/050**	4840
	2.8	88	2.7	500			**VC030/063**	6270
	2.3	101*	0.6*	600			**VC025/040**	3490
	2.3	104*	0.7*	600			**VC030/040**	3490
	2.3	109	1.3	600			**VC030/050**	4840
	2.3	111	2.4	600			**VC030/063**	6270
	1.9	116*	0.5*	750			**VC025/040**	3490
	1.9	121*	0.6*	750			**VC030/040**	3490
	1.9	127	1.1	750			**VC030/050**	4840
	1.9	129	2.1	750			**VC030/063**	6270
	1.6	143*	0.5*	900			**VC025/040**	3490
	1.6	139*	0.5*	900			**VC030/040**	3490
	1.6	141	1	900			**VC030/050**	4840
	1.6	148	1.8	900			**VC030/063**	6270
	1.2	171*	0.4*	1200			**VC025/040**	3490
	1.2	166*	0.4*	1200			**VC030/040**	3490
	1.2	169*	0.7*	1200			**VC030/050**	4840
	1.2	180	1.5	1200			**VC030/063**	6270
	0.93	199*	0.7*	1500			**VC030/050**	4840
	0.9	197*	0.3*	1500			**VC025/040**	3490
	0.9	196*	0.4*	1500			**VC030/040**	3490
	0.9	204	1.1	1500			**VC030/063**	6270

* **NOTA:** la coppia massima utilizzabile M_{m2} deve essere determinata utilizzando il fattore di servizio fs: $\mathbf{M_{m2} = M_2 \times fs}$

* **NOTE:** Maximun allowable torque M_{m2} must be calculated using service factor fs: $\boldsymbol{M_{m2} = M_2 \times fs}$

Tabella dati tecnici motoriduttori / *Table technical data gearmotors*

Pn_1 (kW)	n_2 (min^{-1})	M_2 (Nm)	fs	i				FR_2 (N)
0.06								
M1 056 0.06 4P... (n1 = 1400 min^{-1})	**0.9**	248	1.8	1500			**VC040/075**	7380
	0.9	259	2.7	1500			**VC040/090**	8180
	0.8	217*	0.3*	1800			**VC025/040**	3490
	0.8	218*	0.3*	1800			**VC030/040**	3490
	0.8	278	1.6	1800			**VC040/075**	7380
	0.8	291	2.4	1800			**VC040/090**	8180
	0.78	222*	0.7*	1800			**VC030/050**	4840
	0.78	225*	0.9*	1800			**VC030/063**	6270
	0.6	268*	0.2*	2400			**VC025/040**	3490
	0.6	266*	0.5*	2400			**VC030/050**	4840
	0.6	330	1.1	2400			**VC040/075**	7380
	0.6	359	1.7	2400			**VC040/090**	8180
	0.58	261*	0.2*	2400			**VC030/040**	3490
	0.58	276*	0.8*	2400			**VC030/063**	6270
	0.5	324*	0.2*	3000			**VC025/040**	3490
	0.5	307*	0.4*	3000			**VC030/050**	4840
	0.5	406	1.4	3000			**VC040/090**	8180
	0.47	319*	0.7*	3000			**VC030/063**	6270
	0.47	377*	0.8*	3000			**VC040/075**	7380
	0.4	294*	0.1*	4000			**VC025/040**	3490
	0.4	279*	0.1*	4000			**VC030/040**	3490
	0.4	300*	0.2*	3200			**VC030/040**	3490
	0.35	288*	0.3*	4000			**VC030/050**	4840
	0.35	306*	0.6*	4000			**VC030/063**	6270
	0.35	355*	0.7*	4000			**VC040/075**	7380
	0.35	365	1.3	4000			**VC040/090**	8180
	0.28	356*	0.1*	5000			**VC025/040**	3490
	0.29	311*	0.3*	4800			**VC030/050**	4840
	0.28	338*	0.1*	5000			**VC030/040**	3490
	0.28	360*	0.4*	5000			**VC030/063**	6270
	0.28	419*	0.5*	5000			**VC040/075**	7380
	0.28	431	1	5000			**VC040/090**	8180
0.09								
M1 056 0.09 2P.. (n1 = 2800 min^{-1})	**373.3**	2	3.9	7.5	**VP025**			399
	373.3	2	6.5	7.5	**VP030**			542
	280	2.6	3.4	10	**VP025**			439
	280	2.6	5	10	**VP030**			597
	186.7	3.8	2.4	15	**VP025**			503
	186.7	3.7	3.5	15	**VP030**			683
	140	4.9	1.8	20	**VP025**			553
	140	4.7	2.5	20	**VP030**			752
	112	5.9	1.5	25	**VP025**			590
	112	5.5	2.9	25	**VP030**			810
	93.3	6.4	2.3	30	**VP030**			861
	93.3	6.7	13	30	**VP025**			633
	70	8.5	1.1	40	**VP025**			697
	70	8	18	40	**VP030**			948
	56	10*	0.9*	50	**VP025**			751
	56	9.4	1.4	50	**VP030**			1021
	56	11	2.8	50	**VP040**			1964
	46.7	11*	0.7*	60	**VP025**			798
	46.7	10	1.1	60	**VP030**			1085
	46.7	12	2.3	60	**VP040**			2087
	35	13*	0.9*	80	**VP030**			1194
	35	15	1.7	80	**VP040**			2298
	28	17	1.4	100	**VP040**			2475
	28	18	1.6	100			**VC025/030**	1286
	18.7	25	1.1	150			**VC025/030**	1472
	14	31*	0.9*	200			**VC025/030**	1620
	28	39	1.8	100			**VC025/040**	2769
	18.6	54	1.2	150			**VC025/040**	3488
	9.3	43	1.6	300			**VC025/040**	3490
	14	70*	0.9*	200			**VC025/040**	3488
	7	52	1.2	400			**VC025/040**	3490
	11.2	83*	0.7*	250			**VC025/040**	3490
	5.6	71*	0.8*	500			**VC025/040**	3490

* **NOTA:** la coppia massima utilizzabile M_{m2} deve essere determinata utilizzando il fattore di servizio fs: $\mathbf{M_{m2} = M_2 \times fs}$

* **NOTE:** Maximun allowable torque M_{m2} must be calculated using service factor fs: $\boldsymbol{M_{m2} = M_2 \times fs}$

Tabella dati tecnici motoriduttori / *Table technical data gearmotors*

Pn_1 (kW)	n_2 (min^{-1})	M_2 (Nm)	fs	i				FR_2 (N)
0.09								
M1 056 0.09 4P.. (n1 = 1400 min^{-1})	**280**	3	4.1	5	**VP025**			439
	280	3	6.7	5	**VP030**			597
	186.7	4	2.8	7.5	**VP025**			503
	186.7	4	4.6	7.5	**VP030**			683
	140	5	2.4	10	**VP025**			553
	140	5	3.6	10	**VP030**			752
	93.3	7	1.6	15	**VP025**			633
	93.3	7	2.5	15	**VP030**			861
	70	9	1.3	20	**VP025**			697
	70	9	2	20	**VP030**			948
	56	10	2	25	**VP030**			1021
	46.7	12	1.1	30	**VP025**			798
	46.7	12	1.7	30	**VP030**			1085
	35	15*	0.9*	40	**VP025**			878
	35	14	1.2	40	**VP030**			1194
	28	17	1	50	**VP030**			1286
	28	19	2	50	**VP040**			2475
	23.3	19*	0.9*	60	**VP030**			1367
	23.3	21	1.7	60	**VP040**			2630
	17.5	26	1.3	80	**VP040**			2895
	14	38	0.8	100			**VC025/030**	1620
	14	29	1	100	**VP040**			3118
	14	39	1.8	100			**VC030/040**	2769
	14	40	3.4	100			**VC030/050**	3800
	9.3	49*	0.6*	150			**VC025/030**	1830
	9.3	56	1.3	150			**VC030/040**	3169
	9.3	56	2.4	150			**VC030/050**	4350
	7	62*	0.5*	200			**VC025/030**	1830
	7	70*	0.9*	200			**VC030/040**	3488
	7	70	1.7	200			**VC030/050**	4788
	5.6	66*	0.5*	250			**VC025/030**	1830
	5.6	83*	0.7*	250			**VC030/040**	3490
	5.6	83	1.3	250			**VC030/050**	4840
	5.6	85	2.7	250			**VC030/063**	6270
	4.7	75*	0.4*	300			**VC025/030**	1830
	4.7	88*	0.8*	300			**VC030/040**	3490
	4.7	92	1.6	300			**VC030/050**	4840
	4.7	88	2.9	300			**VC030/063**	6270
	3.5	107*	0.3*	400			**VC025/030**	1830
	3.5	107	1.2	400			**VC030/050**	4840
	3.5	114	2.2	400			**VC030/063**	6270
	2.8	115*	0.3*	500			**VC025/030**	1830
	2.8	123	1	500			**VC030/050**	4840
	2.8	132	1.8	500			**VC030/063**	6270
	2.3	135*	0.2*	600			**VC025/030**	1830
	2.3	159*	0.9*	600			**VC030/050**	4840
	2.3	166	1.6	600			**VC030/063**	6270
	1.9	151*	0.2*	750			**VC025/030**	1830
	1.9	185*	0.8*	750			**VC030/050**	4840
	1.9	194	1.4	750			**VC030/063**	6270
	1.6	178*	0.2*	900			**VC025/030**	1830
	1.6	212*	0.7*	900			**VC030/050**	4840
	1.6	200	1	900			**VC030/063**	6270
	1.2	212*	0.1*	1200			**VC025/030**	1830
	1.2	263*	0.9*	1200			**VC030/063**	6270
	0.93	305*	0.7*	1500			**VC030/063**	6270
	0.9	247*	0.1*	1500			**VC025/030**	1830
	0.9	360	1.1	1500			**VC040/075**	7380
	0.78	304*	0.1*	1800			**VC025/030**	1830
	0.78	404	1	1800			**VC040/075**	7380
	0.58	340*	0.1*	2400			**VC025/030**	1830
	0.58	496*	0.7*	2400			**VC040/075**	7380
	0.5	609*	0.9*	3000			**VC040/090**	8180
	0.47	405*	0.1*	3000			**VC025/030**	1830
	0.35	548*	0.8*	4000			**VC040/090**	8180

* **NOTA:** la coppia massima utilizzabile M_{m2} deve essere determinata utilizzando il fattore di servizio fs: $\mathbf{M_{m2} = M_2 \times fs}$

* **NOTE:** Maximun allowable torque M_{m2} must be calculated using service factor fs: $\boldsymbol{M_{m2} = M_2 \times fs}$

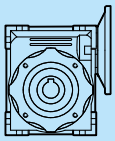
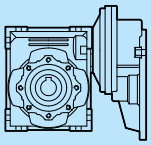
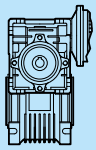
Tabella dati tecnici motoriduttori / *Table technical data gearmotors*

Pn_1 (kW)	n_2 (min^{-1})	M_2 (Nm)	fs	i				FR_2 (N)
0.12								
M1 056 0.12 2P... (n1 = 2800 min^{-1})	**373.3**	2.7	3	7.5	**VP025**			399
	280	3.5	2.6	10	**VP025**			439
	186.7	5.1	1.8	15	**VP025**			503
	186.7	5	2.6	15	**VP030**			683
	140	6.5	1.4	20	**VP025**			553
	140	6	1.9	20	**VP030**			752
	112	7.9	1.1	25	**VP025**			590
	112	8	2.1	25	**VP030**			810
	93.3	9	1	30	**VP025**			633
	93.3	9	1.7	30	**VP030**			861
	70	11*	0.8*	40	**VP025**			697
	70	11	1.3	40	**VP030**			948
	56	13	1	50	**VP030**			1021
	56	14	2.1	50	**VP040**			1964
	46.7	14*	0.8*	60	**VP030**			1085
	46.7	16	1.7	60	**VP040**			2087
	35	20	1.3	80	**VP040**			2298
	28	23	1	100	**VP040**			2475
M1 063 0.12 4P.. (n1 = 1400 min^{-1})	**280**	4	5.1	5	**VP030**			597
	186.7	5	3.4	7.5	**VP030**			683
	140	7	2.7	10	**VP030**			752
	93.3	10	1.9	15	**VP030**			861
	70	12	1.5	20	**VP030**			948
	70	13	3.3	20	**VP040**			1824
	56	14	1.5	25	**VP030**			1021
	56	16	2.5	25	**VP040**			1964
	46.7	16	1.3	30	**VP030**			1085
	46.7	17	2.6	30	**VP040**			2087
	35	19*	0.9*	40	**VP030**			1194
	35	21	1.9	40	**VP040**			2298
	28	23*	0.8*	50	**VP030**			1286
	28	25	1.5	50	**VP040**			2475
	28	26	2.9	50	**VP050**			3397
	23.3	28	1.3	60	**VP040**			2630
	23.3	29	2.3	60	**VP050**			3610
	19.1	42	1.2	73.5		**VR063/040**		2833
	17.5	34	1	80	**VP040**			2895
	17.5	35	1.9	80	**VP050**			3973
	15.9	46	1.2	88.2		**VR063/040**		3011
	14	38*	0.8*	100	**VP040**			3118
	14	52	1.4	100			**VC030/040**	2769
	14	40	1.4	100	**VP050**			4280
	14	54	2.6	100			**VC030/050**	3800
	14	54	2.8	100			**VC030/063**	4967
	11.9	57*	0.9*	117.6		**VR063/040**		3314
	11.7	58	1.8	117.6		**VR063/050**		4548
	9.5	66*	0.7*	147		**VR063/040**		3490
	9.5	68	1.3	147		**VR063/050**		4840
	9.3	74	1	150			**VC030/040**	3169
	9.3	74	1.8	150			**VC030/050**	4350
	9.3	75	2.8	150			**VC030/063**	5686
	8	75	1.1	176.4		**VR063/050**		4840
	7.9	74*	0.6*	176.4		**VR063/040**		3490
	7	94	1.3	200			**VC030/050**	4788
	7	95	2.7	200			**VC030/063**	6259
	5.8	88*	0.8*	235.2		**VR063/050**		4840
	5.6	110	1	250			**VC030/050**	4840
	5.6	114	2	250			**VC030/063**	6270
	5.6	120	3.2	250			**VC040/075**	7380

* **NOTA:** la coppia massima utilizzabile M_{m2} deve essere determinata utilizzando il fattore di servizio fs: $\mathbf{M_{m2} = M_2 \times fs}$

* **NOTE:** Maximun allowable torque M_{m2} must be calculated using service factor fs: $\boldsymbol{M_{m2} = M_2 \times fs}$

Tabella dati tecnici motoriduttori / *Table technical data gearmotors*

Pn_1 (kW)	n_2 (min^{-1})	M_2 (Nm)	fs	i				FR_2 (N)
0.12								
M1 063 0.12 4P.. (n1 = 1400 min^{-1})	**4.8**	98*	0.7*	294		**VR063/050**		4840
	4.7	119	1.2	300			**VC030/050**	4840
	4.7	117	2.2	300			**VC030/063**	6270
	4.7	134	3.3	300			**VC040/075**	7380
	3.5	142*	0.9*	400			**VC030/050**	4840
	3.5	152	1.7	400			**VC030/063**	6270
	3.5	164	2.5	400			**VC040/075**	7380
	2.8	164*	0.7*	500			**VC030/050**	4840
	2.8	171	1.3	500			**VC030/063**	6270
	2.8	188	2	500			**VC040/075**	7380
	2.8	202	2.8	500			**VC040/090**	8180
	2.3	208	1.1	600			**VC030/063**	6270
	2.3	248	1.8	600			**VC040/075**	7380
	2.3	260	2.7	600			**VC040/090**	8180
	1.9	241*	0.9*	750			**VC030/063**	6270
	1.9	299	1.5	750			**VC040/075**	7380
	1.9	313	2.2	750			**VC040/090**	8180
	1.6	297*	0.9*	900			**VC030/063**	6270
	1.6	325	1.2	900			**VC040/075**	7380
	1.6	350	2	900			**VC040/090**	8180
	1.2	360*	0.8*	1200			**VC030/063**	6270
	1.2	399*	0.9*	1200			**VC040/075**	7380
	1.2	434	1.6	1200			**VC040/090**	8180
	1.2	448	2.8	1200			**VC050/110**	10320
	0.9	495*	0.9*	1500			**VC040/075**	7380
	0.9	518	1.4	1500			**VC040/090**	8180
	0.9	527	2.4	1500			**VC050/110**	10320
	0.8	556*	0.8*	1800			**VC040/075**	7380
	0.8	547*	0.9*	1800			**VC040/090**	8180
	0.8	592	2.1	1800			**VC050/110**	10320
	0.6	766	1.5	2400			**VC050/110**	10320
	0.58	695*	0.9*	2400			**VC040/090**	8180
	0.5	884	1.2	3000			**VC050/110**	10320
	0.35	784	1	4000			**VC050/110**	10320
	0.28	928*	0.8*	5000			**VC050/110**	10320
M1 063 0.12 6P.. (n1 = 900 min^{-1})	**180**	5	3.7	5	**VP030**			692
	120	8	2.5	7.5	**VP030**			792
	90	10	2	10	**VP030**			871
	60	14	1.4	15	**VP030**			997
	60	15	3.3	15	**VP040**			1920
	45	18	1.1	20	**VP030**			1098
	45	19	2.5	20	**VP040**			2113
	36	20	1.1	25	**VP030**			1183
	36	23	1.9	25	**VP040**			2276
	30	23*	0.9*	30	**VP030**			1257
	30	25	1.9	30	**VP040**			2419
	22.5	29*	0.7*	40	**VP030**			1383
	22.5	32	1.4	40	**VP040**			2662
	22.5	32	2.6	40	**VP050**			3654
	18	36	1.2	50	**VP040**			2868
	18	38	2	50	**VP050**			3936
	15	41*	0.9*	60	**VP040**			3047
	15	42	1.7	60	**VP050**			4183
	12.3	62	1	73.5		**VR063/040**		3283
	11.3	50*	0.7*	80	**VP040**			3354
	11.3	50	1.4	80	**VP050**			4604
	10.2	68	1.1	88.2		**VR063/040**		3488
	9	56	1	100	**VP050**			4840
	7.7	83*	0.8*	117.6		**VR063/040**		3490
	7.7	84	1.5	117.6		**VR063/050**		4840
	6.1	97	1.2	147		**VR063/050**		4840
	5.1	108	1	176.4		**VR063/050**		4840
	3.8	125*	0.7*	235.2		**VR063/050**		4840

* **NOTA:** la coppia massima utilizzabile M_{m2} deve essere determinata utilizzando il fattore di servizio fs: $\mathbf{M_{m2} = M_2 \times fs}$

* **NOTE:** Maximun allowable torque M_{m2} must be calculated using service factor fs: $\boldsymbol{M_{m2} = M_2 \times fs}$

Tabella dati tecnici motoriduttori / *Table technical data gearmotors*

Pn_1 (kW)	n_2 (min^{-1})	M_2 (Nm)	fs	i				FR_2 (N)
0.18								
M1 063 0.18 2P.. (n1 = 2800 min^{-1})	**373.3**	4	3.2	7.5	**VP030**			542
	280	5.2	2.5	10	**VP030**			597
	186.7	7.4	1.8	15	**VP030**			683
	140	9.5	1.3	20	**VP030**			752
	140	10	2.8	20	**VP040**			1447
	112	11	1.4	25	**VP030**			810
	112	12	2.3	25	**VP040**			1559
	93.3	13	1.2	30	**VP030**			861
	93.3	14	2.5	30	**VP040**			1657
	70	16*	0.9*	40	**VP030**			948
	70	17	1.8	40	**VP040**			1824
	70	18	3.2	40	**VP050**			2503
	56	21	1.4	50	**VP040**			1964
	56	21	2.5	50	**VP050**			2696
	46.7	24	1.2	60	**VP040**			2087
	46.7	24	2.1	60	**VP050**			2865
	35	29*	0.8*	80	**VP040**			2298
	35	30	1.5	80	**VP050**			3153
	28	34	1.2	100	**VP050**			3397
M1 063 0.18 4P.. (n1 = 1400 min^{-1})	**280**	5	3.4	5	**VP030**			597
	186.7	8	2.3	7.5	**VP030**			683
	140	10	1.8	10	**VP030**			752
	93.3	14	1.3	15	**VP030**			861
	93.3	15	2.9	15	**VP040**			1657
	70	18	1	20	**VP030**			948
	70	19	2	20	**VP040**			1824
	56	21	1	25	**VP030**			1021
	56	23	1.7	25	**VP040**			1964
	46.7	24*	0.8*	30	**VP030**			1085
	46.7	26	1.7	30	**VP040**			2087
	35	32	1.3	40	**VP040**			2298
	35	33	2.3	40	**VP050**			3153
	28	38	1	50	**VP040**			2475
	28	39	1.9	50	**VP050**			3397
	23.3	43*	0.8*	60	**VP040**			2630
	23.3	43	1.6	60	**VP050**			3610
	19.1	64*	0.8*	73.5		**VR063/040**		2833
	17.5	52	1.2	80	**VP050**			3973
	15.9	70*	0.8*	88.2		**VR063/040**		3011
	14	78*	0.9*	100			**VC030/040**	2769
	14	60*	0.9*	100	**VP050**			4280
	14	81	1.7	100			**VC030/050**	3800
	14	81	1.9	100			**VC030/063**	4967
	11.9	85*	0.6*	117.6		**VR063/040**		3314
	11.9	87	1.1	117.6		**VR063/050**		4548
	9.5	101*	0.9*	147		**VR063/050**		4840
	9.3	112	1.2	150			**VC030/050**	4350
	9.3	113	1.9	150			**VC030/063**	5686
	7.9	113*	0.7*	176.4		**VR063/050**		4840
	7	141*	0.9*	200			**VC030/050**	4788
	7	143	1.8	200			**VC030/063**	6259
	7	150	2.8	200			**VC040/075**	7380
	5.8	133*	0.6*	235.2		**VR063/050**		4840

* **NOTA:** la coppia massima utilizzabile M_{m2} deve essere determinata utilizzando il fattore di servizio fs: $\mathbf{M_{m2} = M_2 \times fs}$

* **NOTE:** Maximun allowable torque M_{m2} must be calculated using service factor fs: $\boldsymbol{M_{m2} = M_2 \times fs}$

Tabella dati tecnici motoriduttori / *Table technical data gearmotors*

Pn_1 (kW)	n_2 (min^{-1})	M_2 (Nm)	fs	i				FR_2 (N)
0.18								
M1 063 0.18 4P.. (n1 = 1400 min^{-1})	**5.6**	171	1.4	250			**VC030/063**	6270
	5.6	180	2.1	250			**VC040/075**	7380
	5.6	188	3	250			**VC040/090**	8180
	4.7	183*	0.8*	300			**VC030/050**	4840
	4.7	175	1.5	300			**VC030/063**	6270
	4.7	200	2.2	300			**VC040/075**	7380
	4.7	210	3.3	300			**VC040/090**	8180
	3.5	222	1	400			**VC030/063**	6270
	3.5	246	1.7	400			**VC040/075**	7380
	3.5	259	2.4	400			**VC040/090**	8180
	2.8	257*	0.8*	500			**VC030/063**	6270
	2.8	282	1.3	500			**VC040/075**	7380
	2.8	303	1.9	500			**VC040/090**	8180
	2.3	333*	0.8*	600			**VC030/063**	6270
	2.3	362	1.1	600			**VC040/075**	7380
	2.3	390	1.8	600			**VC040/090**	8180
	1.9	435*	0.9*	750			**VC040/075**	7380
	1.9	469	1.5	750			**VC040/090**	8180
	1.6	487*	0.8*	900			**VC040/075**	7380
	1.6	526	1.3	900			**VC040/090**	8180
	1.2	622*	0.7*	1200			**VC040/075**	7380
	1.2	629	1	1200			**VC040/090**	8180
	1.2	671	1.9	1200			**VC050/110**	10320
	0.9	735*	0.8*	1500			**VC040/090**	8180
	0.9	790	1.6	1500			**VC050/110**	10320
	0.8	874*	0.8*	1800			**VC040/090**	8180
	0.8	861	1.5	1800			**VC050/110**	10320
	0.58	1113	1.1	2400			**VC050/110**	10320
	0.5	1370*	0.8*	3000			**VC050/110**	10320
M1 071 0.18 6P.. (n1 = 900 min^{-1})	**90**	16	3	10	**VP040**			1677
	60	23	2.2	15	**VP040**			1920
	45	29	1.5	20	**VP040**			2113
	45	29	2.8	20	**VP050**			2900
	36	34	1.3	25	**VP040**			2276
	36	35	2.1	25	**VP050**			3124
	30	38	1.3	30	**VP040**			2419
	30	40	2.4	30	**VP050**			3320
	22.5	47	1	40	**VP040**			2662
	22.5	49	1.8	40	**VP050**			3654
	22.5	50	3.4	40	**VP063**			4776
	18	56	1.4	50	**VP050**			3936
	18	59	2.7	50	**VP063**			5145
	15	63	1.1	60	**VP050**			4183
	15	66	2.1	60	**VP063**			5467
	15	66	2.1	60	**VP075**			5467
	12.2	95	1.2	73.5		**VR071/050**		4506
	11.3	75*	0.9*	80	**VP050**			4604
	11.3	79	1.6	80	**VP063**			6018
	11.3	79	1.6	80	**VP075**			6018
	10.2	105	1.4	88.2		**VR071/050**		4788
	9	90	1.4	100	**VP063**			6270
	9	90	1.4	100	**VP075**			6270
	7.7	126	1	117.6		**VR071/050**		4840
	7.7	131	1.8	117.6		**VR071/063**		6270
	6.1	152	1.4	147		**VR071/063**		6270
	6	148*	0.8*	147		**VR071/050**		
	5.1	168	1.2	176.4		**VR071/063**		6270
	5.1	179	1.7	176.4		**VR071/075**		7380
	3.8	197*	0.9*	235.2		**VR071/063**		6270
	3.8	211	1.2	235.2		**VR071/075**		7380
	3.1	218*	0.7*	294		**VR071/063**		6270
	3.1	235	1	294		**VR071/075**		7380

* **NOTA:** la coppia massima utilizzabile M_{m2} deve essere determinata utilizzando il fattore di servizio fs: $\mathbf{M_{m2} = M_2 \times fs}$

* **NOTE:** Maximun allowable torque M_{m2} must be calculated using service factor fs: $\boldsymbol{M_{m2} = M_2 \times fs}$

Tabella dati tecnici motoriduttori / *Table technical data gearmotors*

Pn_1 (kW)	n_2 (min^{-1})	M_2 (Nm)	fs	i				FR_2 (N)
0.25								
M1 063 0.25 2P.. (n1 = 2800 min^{-1})	**373.3**	5.6	2.3	7.5	**VP030**			542
	280	7.2	1.8	10	**VP030**			597
	186.7	10	1.3	15	**VP030**			683
	186.7	11	2.9	15	**VP040**			1315
	140	13*	0.9*	20	**VP030**			752
	140	14	2	20	**VP040**			1447
	112	15	1	25	**VP030**			810
	112	17	1.6	25	**VP040**			1559
	93.3	18*	0.8*	30	**VP030**			861
	93.3	20	1.7	30	**VP040**			1657
	70	25	1.2	40	**VP040**			1824
	70	25	2.3	40	**VP050**			2503
	56	29	1	50	**VP040**			1964
	56	30	1.8	50	**VP050**			2696
	46.7	34*	0.8*	60	**VP040**			2087
	46.7	34	1.5	60	**VP050**			2865
	35	42	1.1	80	**VP040**			3153
	28	48*	0.8*	100	**VP040**			3397
	7	150	1.4	400			**VC030/063**	6270
	5.6	175	1.2	500			**VC030/063**	6270
M1 071 0.25 4P.. (n1 = 1400 min^{-1})	**280**	8	4.5	5	**VP040**			1149
	186.7	11	3.6	7.5	**VP040**			1315
	140	14	2.8	10	**VP040**			1447
	93.3	21	1.9	15	**VP040**			1657
	70	27	1.5	20	**VP040**			1824
	70	27	2.7	20	**VP050**			2503
	56	32	1.2	25	**VP040**			1964
	56	32	2.2	25	**VP050**			2696
	46.7	36	1.3	30	**VP040**			2087
	46.7	37	2.3	30	**VP050**			2865
	35	44*	0.9*	40	**VP040**			2298
	35	46	1.7	40	**VP050**			3153
	35	48	3.1	40	**VP063**			4122
	28	54	1.4	50	**VP050**			3397
	28	56	2.4	50	**VP063**			4440
	23.3	60	1.1	60	**VP050**			3610
	23.3	63	2	60	**VP063**			4719
	23.3	68	3.2	60	**VP075**			5569
	19	88	1	73.5		**VR071/050**		3889
	17.5	72*	0.9*	80	**VP050**			3973
	17.5	78	1.6	80	**VP063**			5193
	17.5	82	2.3	80	**VP075**			6130
	15.9	98	1.1	88.2		**VR071/050**		4132
	14	87	1.4	100	**VP063**			5595
	14	94	1.9	100	**VP075**			6603
	11.9	121*	0.8*	117.6		**VR071/050**		4548
	11.9	125	1.5	117.6		**VR071/063**		5945
	9.5	143	1.2	147		**VR071/063**		6270
	9.5	151	1.7	147		**VR071/075**		7380
	7.9	163	1	176.4		**VR071/063**		6270
	7.9	172	1.4	176.4		**VR071/075**		7380
	7	209	2	200			**VC040/075**	7380
	7	217	2.8	200			**VC040/090**	8174
	6	192*	0.7*	235.2		**VR071/063**		6270
	6	201	1.1	235.2		**VR071/075**		7380
	5.6	250	1.5	250			**VC040/075**	7380
	5.6	261	2.2	250			**VC040/090**	8180
	4.8	215*	0.6*	294		**VR071/063**		6270
	4.8	230*	0.9*	294		**VR071/075**		7380
	4.7	278	1.6	300			**VC040/075**	7380

* **NOTA:** la coppia massima utilizzabile M_{m2} deve essere determinata utilizzando il fattore di servizio fs: $\mathbf{M_{m2} = M_2 \times fs}$

* **NOTE:** Maximun allowable torque M_{m2} must be calculated using service factor fs: $\boldsymbol{M_{m2} = M_2 \times fs}$

Tabella dati tecnici motoriduttori / *Table technical data gearmotors*

Pn_1 (kW)	n_2 (min^{-1})	M_2 (Nm)	fs	i				FR_2 (N)
0.25								
M1 071 0.25 4P.. (n1 = 1400 min^{-1})	**4.7**	291	2.4	300			**VC040/090**	8180
	3.5	336	1.1	400			**VC040/075**	7380
	3.5	359	1.7	400			**VC040/090**	8180
	3.5	386	3.1	400			**VC050/110**	10320
	2.8	384*	0.8*	500			**VC040/075**	7380
	2.8	420	1.3	500			**VC040/090**	8180
	2.8	512	2.3	500			**VC050/110**	10320
	2.8	460	3.4	500			**VC063/130**	13500
	2.3	517*	0.9*	600			**VC040/075**	7380
	2.3	512	1.2	600			**VC040/090**	8180
	2.3	548	2.3	600			**VC050/110**	10320
	2.3	571	3.1	600			**VC063/130**	13500
	1.9	622*	0.7*	750			**VC040/075**	7380
	1.9	598*	0.9*	750			**VC040/090**	8180
	1.9	660	1.9	750			**VC050/110**	10320
	1.9	687	2.6	750			**VC063/130**	13500
	1.9	666	3.5	750			**VC063/150**	18000
	1.6	667*	0.8*	900			**VC040/090**	8180
	1.6	751	1.7	900			**VC050/110**	10320
	1.6	783	2.2	900			**VC063/130**	13500
	1.6	840	2.5	900			**VC063/150**	18000
	1.2	905*	0.8*	1200			**VC040/090**	8180
	1.2	943	1.3	1200			**VC050/110**	10320
	1.2	988	1.8	1200			**VC063/130**	13500
	1.2	1013	2.6	1200			**VC063/150**	18000
	0.9	1064	1.2	1500			**VC050/110**	10320
	0.9	1165	1.5	1500			**VC063/130**	13500
	0.8	1315	1.3	1800			**VC063/130**	13500
	0.8	1199	1.8	1800			**VC063/150**	18000
	0.8	1195	1.1	1800			**VC050/110**	10320
	0.6	1676*	0.7*	2400			**VC050/110**	10320
	0.6	1624	1	2400			**VC063/130**	13500
	0.6	1446	1.8	2400			**VC063/150**	18000
	0.5	1935*	0.8*	3000			**VC063/130**	13500
	0.5	1713	1.4	3000			**VC063/150**	18000
	0.4	2046*	0.6*	4000			**VC063/130**	13500
	0.4	2026*	0.9*	4000			**VC063/150**	18000
	0.3	2430*	0.5*	5000			**VC063/130**	13500
	0.3	2251*	0.7*	5000			**VC063/150**	18000
M1 071 0.25 6P.. (n1 = 900 min^{-1})	**180**	12	3.5	5	**VP040**			1331
	120	17	2.6	7.5	**VP040**			1524
	90	22	2	10	**VP040**			1677
	60	31	1.4	15	**VP040**			1920
	60	32	2.9	15	**VP050**			2635
	45	40	1.1	20	**VP040**			2113
	45	40	1.9	20	**VP050**			2900
	36	48*	0.9*	25	**VP040**			2276
	36	48	1.5	25	**VP050**			3124
	36	50	3	25	**VP063**			4084
	30	53*	0.9*	30	**VP040**			2419
	30	54	1.7	30	**VP050**			3320
	30	57	3.1	30	**VP063**			4339
	22.5	67*	0.7*	40	**VP040**			2662
	22.5	67	1.2	40	**VP050**			3654
	22.5	70	2.4	40	**VP063**			4776
	18	78	1	50	**VP050**			3936
	18	81	1.8	50	**VP063**			5145
	18	85	3	50	**VP075**			6073
	15	88*	0.8*	60	**VP050**			4183
	15	92	1.5	60	**VP063**			5467

* **NOTA:** la coppia massima utilizzabile M_{m2} deve essere determinata utilizzando il fattore di servizio fs: $\mathbf{M_{m2} = M_2 \times fs}$

* **NOTE:** Maximun allowable torque M_{m2} must be calculated using service factor fs: $\mathbf{M_{m2} = M_2 \times fs}$

Tabella dati tecnici motoriduttori / *Table technical data gearmotors*

Pn_1 (kW)	n_2 (min^{-1})	M_2 (Nm)	fs	i				FR_2 (N)
0.25								
M1 071 0.25 6P.. (n1 = 900 min^{-1})	**15**	99	2.5	60	**VP075**			6453
	11.3	110	1.2	80	**VP063**			6018
	11.3	117	1.7	80	**VP075**			7103
	9	125	1	100	**VP063**			6270
	9	133	1.4	100	**VP075**			7380
	7.7	181	1.3	117.6		**VR071/063**		6270
	6.1	211	1	147		**VR071/063**		6270
	6.1	219	1.5	147		**VR071/075**		7380
	5.1	248	1.2	176.4		**VR071/075**		7380
0.37								
M1 071 0.37 2P.. (n1 = 2800 min^{-1})	**373.3**	8.3	3.4	7.5	**VP040**			1044
	280	11	2.6	10	**VP040**			1149
	186.7	16	1.9	15	**VP040**			1315
	140	20	1.4	20	**VP040**			1447
	112	25	1.1	25	**VP040**			1559
	112	25	2	25	**VP050**			2140
	93.3	29	1.2	30	**VP040**			1657
	93.3	29	2.2	30	**VP050**			2274
	70	37*	0.8*	40	**VP040**			1824
	70	37	1.6	40	**VP050**			2503
	70	38	2.9	40	**VP063**			3272
	56	44	1.2	50	**VP050**			2696
	56	45	2.3	50	**VP063**			3524
	56	47	3.5	50	**VP075**			4160
	46.7	50	1	60	**VP050**			2865
	46.7	52	1.9	60	**VP063**			3745
	46.7	55	2.9	60	**VP075**			4421
	35	62*	0.7*	80	**VP050**			3153
	35	65	1.4	80	**VP063**			4122
	35	68	2.1	80	**VP075**			4865
	28	74	1.1	100	**VP063**			4440
	28	78	1.7	100	**VP075**			5241
M1 071 0.37 4P.. (n1 = 1400 min^{-1})	**280**	11	3	5	**VP040**			1149
	186.7	16	2.4	7.5	**VP040**			1315
	140	21	1.9	10	**VP040**			1447
	140	22	3.3	10	**VP050**			1987
	93.3	31	1.3	15	**VP040**			1657
	93.3	31	2.4	15	**VP050**			2274
	70	39	1	20	**VP040**			1824
	70	40	1.8	20	**VP050**			2503
	56	47*	0.8*	25	**VP040**			1964
	56	48	1.5	25	**VP050**			2696
	56	50	2.7	25	**VP063**			3524
	46.7	53*	0.8*	30	**VP040**			2087
	46.7	55	1.5	30	**VP050**			2865
	46.7	57	2.8	30	**VP063**			3745
	35	68	1.1	40	**VP050**			3153
	35	71	2.1	40	**VP063**			4122
	35	74	3.3	40	**VP075**			4865
	28	80*	0.9*	50	**VP050**			3397
	28	83	1.6	50	**VP063**			4440
	28	88	2.5	50	**VP075**			5241
	23.3	89*	0.8*	60	**VP050**			3610
	23.3	94	1.4	60	**VP063**			4719
	23.3	98	2.0	60	**VP075**			5569

* **NOTA:** la coppia massima utilizzabile M_{m2} deve essere determinata utilizzando il fattore di servizio fs: $\mathbf{M_{m2} = M_2 \times fs}$

* **NOTE:** Maximun allowable torque M_{m2} must be calculated using service factor fs: $\boldsymbol{M_{m2} = M_2 \times fs}$

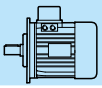
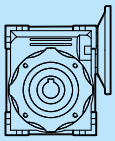
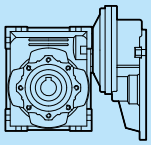
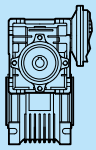
Tabella dati tecnici motoriduttori / *Table technical data gearmotors*

Pn_1 (kW)	n_2 (min^{-1})	M_2 (Nm)	fs	i				FR_2 (N)
0.37								
M1 071 0.37 4P.. (n1 = 1400 min^{-1})	**17.5**	115	1.1	80	**VP063**			5193
	17.5	121	1.6	80	**VP075**			6130
	14	129*	0.9*	100	**VP063**			5595
	14.0	139	1.3	100	**VP075**			6603
	11.9	185	1	117.6		**VR071/063**		5945
	9.5	212*	0.8*	147		**VR071/063**		6270
	9.5	223	1.1	147		**VR071/075**		7380
	7.9	254*	0.9*	176.4		**VR071/075**		7380
	7	309	1.4	200			**VC040/075**	7380
	7	322	1.9	200			**VC040/090**	8174
	7	338	3.4	200			**VC050/110**	10320
	5.6	370	1	250			**VC040/075**	7380
	5.6	386	1.5	250			**VC040/090**	8180
	5.6	412	2.8	250			**VC050/110**	10320
	4.7	405	1	300			**VC040/075**	7380
	4.7	402	1.5	300			**VC040/090**	8180
	4.7	441	2.9	300			**VC050/110**	10320
	3.5	498*	0.7*	400			**VC040/075**	7380
	3.5	523	1.2	400			**VC040/090**	8180
	3.5	571	2.1	400			**VC050/110**	10320
	3.5	571	2.9	400			**VC063/130**	13500
	2.8	611*	0.9*	500			**VC040/090**	8180
	2.8	757	1.5	500			**VC050/110**	10320
	2.8	681	2.3	500			**VC063/130**	13500
	2.8	681	3.4	500			**VC063/150**	18000
	2.3	757*	0.8*	600			**VC040/090**	8180
	2.3	812	1.6	600			**VC050/110**	10320
	2.3	844	2.1	600			**VC063/130**	13500
	2.3	840	3.2	600			**VC063/150**	18000
	1.9	950	1.3	750			**VC050/110**	10320
	1.9	1017	1.7	750			**VC063/130**	13500
	1.9	986	2.4	750			**VC063/150**	18000
	1.6	1079	1.2	900			**VC050/110**	10320
	1.6	1158	1.5	900			**VC063/130**	13500
	1.6	1244	1.7	900			**VC063/150**	18000
	1.2	1396*	0.8*	1200			**VC050/110**	10320
	1.2	1462	1.2	1200			**VC063/130**	13500
	1.2	1499	1.8	1200			**VC063/150**	18000
	0.9	1623*	0.8*	1500			**VC050/110**	10320
	0.9	1674	1.1	1500			**VC063/130**	13500
	0.8	1887*	0.9*	1800			**VC063/130**	13500
	0.8	1775	1.2	1800			**VC063/150**	18000
	0.6	2141	1.2	2400			**VC063/150**	18000
	0.5	2535*	0.9*	3000			**VC063/150**	18000

* **NOTA:** la coppia massima utilizzabile M_{m2} deve essere determinata utilizzando il fattore di servizio fs: $\mathbf{M_{m2} = M_2 \times fs}$

* **NOTE:** Maximun allowable torque M_{m2} must be calculated using service factor fs: $\boldsymbol{M_{m2} = M_2 \times fs}$

Tabella dati tecnici motoriduttori / *Table technical data gearmotors*

Pn_1 (kW) 	n_2 (min^{-1})	M_2 (Nm)	fs	i				FR_2 (N)
0.37								
M1 080 0.37 6P..	**180**	17	4.3	5	**VP050**			1827
(n1 = 900 min^{-1})	**120**	25	3.3	7.5	**VP050**			2091
	90	33	2.5	10	**VP050**			2302
	60	47	1.8	15	**VP050**			2635
	45	60	1.3	20	**VP050**			2900
	45	60	2.4	20	**VP063**			3791
	36	72	1	25	**VP050**			3124
	36	74	1.9	25	**VP063**			4084
	36	77	3.1	25	**VP075**			4820
	30	80	1.1	30	**VP050**			3320
	30	82	2.1	30	**VP063**			4339
	30	87	3.3	30	**VP075**			5122
	22.5	102	1.6	40	**VP063**			4776
	22.5	108	2.6	40	**VP075**			5637
	18	120	1.2	50	**VP063**			5145
	18	126	1.8	50	**VP075**			6073
	18	136	3.2	50	**VP090**			6719
	15	137	1	60	**VP063**			5467
	15	144	1.5	60	**VP075**			6453
	15	153	2.5	60	**VP090**			7140
	12	206	1.6	75		**VR080/075**		6952
	11.3	167*	0.8*	80	**VP063**			6018
	11.3	173	1.2	80	**VP075**			7103
	11.3	185	1.7	80	**VP090**			7859
	11.3	201	2.8	80	**VP110**			9931
	10	260	1.7	90		**VR080/075**		7380
	9	196	1	100	**VP075**			7380
	9	212	1.3	100	**VP090**			8180
	9	232	2.2	100	**VP110**			10320
	7.5	283	1.3	120		**VR080/075**		7380
	6	324	1	150		**VR080/075**		7380
	6	347	1.6	150		**VR080/090**		8180
	5	389	1.3	180		**VR080/090**		8180
	3.8	471	1.0	240		**VR080/090**		8180
	3.8	509	1.6	240		**VR080/110**		10320
	3	577	1.3	300		**VR080/110**		10320

* **NOTA:** la coppia massima utilizzabile M_{m2} deve essere determinata utilizzando il fattore di servizio fs: $\mathbf{M_{m2} = M_2 \times fs}$

* **NOTE:** Maximun allowable torque M_{m2} must be calculated using service factor fs: $\boldsymbol{M_{m2} = M_2 \times fs}$

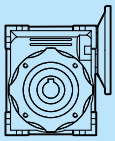
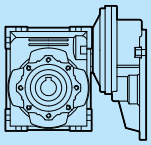
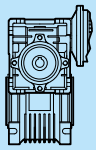
Tabella dati tecnici motoriduttori / *Table technical data gearmotors*

Pn_1 (kW)	n_2 (min^{-1})	M_2 (Nm)	fs	i				FR_2 (N)
0.55								
M1 071 0.55 2P.. (n1 = 2800 min^{-1})	**373**	12	2.3	7.5	**VP040**			1044
	280	16	1.8	10	**VP040**			1149
	280	17	3.2	10	**VP050**			1577
	187	24	1.3	15	**VP040**			1315
	186.7	24	2.4	15	**VP050**			18,5
	140	30	1	20	**VP040**			1447
	140	31	1.7	20	**VP050**			1987
	140	32	3.3	20	**VP063**			2597
	112	37*	0.8*	25	**VP040**			1559
	112	38	1.4	25	**VP050**			2140
	112	39	2.5	25	**VP063**			2797
	93.3	43*	0.8*	30	**VP040**			1657
	93.3	43	1.5	30	**VP050**			2274
	93.3	44	2.7	30	**VP063**			2973
	70	55	1.1	40	**VP050**			2503
	70	56	1.9	40	**VP063**			3272
	70	59	3.1	40	**VP075**			3862
	56	65*	0.8*	50	**VP050**			2696
	56	68	1.5	50	**VP063**			3524
	56	70	2.3	50	**VP075**			4160
	46.7	74*	0.7*	60	**VP050**			2865
	46.7	78	1.2	60	**VP063**			3745
	46.7	81	2	60	**VP075**			4421
	35	96*	0.9*	80	**VP063**			4122
	35	99	1.3	80	**VP075**			4865
	28	111*	0.7*	100	**VP063**			4440
	28	116	1	100	**VP075**			5241
M1 080 0.55 4P.. (n1 = 1400 min^{-1})	**280**	17	3.7	5	**VP050**			1577
	186.7	25	2.9	7.5	**VP050**			1805
	140	32	2.2	10	**VP050**			1987
	93.3	46	1.6	15	**VP050**			2274
	93.3	47	3.2	15	**VP063**			2973
	70	59	1.2	20	**VP050**			2503
	70	61	2.2	20	**VP063**			3272
	56	71	1	25	**VP050**			2696
	56	73	1.8	25	**VP063**			3524
	56	76	2.8	25	**VP075**			4160
	46.7	81	1	30	**VP050**			2865
	46.7	83	1.9	30	**VP063**			3745
	46.7	87	2.9	30	**VP075**			4421
	35	97	0.8*	40	**VP050**			3153
	35	105	1.4	40	**VP063**			4122
	35	108	2	40	**VP075**			4865
	35	114	3.5	40	**VP090**			5383
	28	124	1.1	50	**VP063**			4440
	28	129	1.6	50	**VP075**			5241
	28	137	2.7	50	**VP090**			5799
	23.3	140*	0.9*	60	**VP063**			4719
	23.3	146	1.4	60	**VP075**			5569
	23.3	158	2.2	60	**VP090**			6163
	18.7	205	1.2	75		**VR080/075**		6000
	17.5	180	1.1	80	**VP075**			6130
	17.5	189	1.5	80	**VP090**			6783
	17.5	201	2.6	80	**VP110**			8571
	15.6	230	1.3	90		**VR080/075**		6375
	14	206*	0.9*	100	**VP075**			6603
	14	221	1.2	100	**VP090**			7306
	14	236	2	100	**VP110**			9232
	14	268	2.4	100			**VC050/110**	10320

* **NOTA:** la coppia massima utilizzabile M_{m2} deve essere determinata utilizzando il fattore di servizio fs: $\mathbf{M_{m2} = M_2 \times fs}$

* **NOTE:** Maximun allowable torque M_{m2} must be calculated using service factor fs: $\mathbf{M_{m2} = M_2 \times fs}$

Tabella dati tecnici motoriduttori / *Table technical data gearmotors*

Pn_1 (kW)	n_2 (min^{-1})	M_2 (Nm)	fs	i				FR_2 (N)
0.55								
M1 080 0.55 4P.. (n1 = 1400 min^{-1})	**11.7**	284	1	120		**VR080/075**		7017
	11.7	297	1.6	120		**VR080/090**		7764
	9.3	332*	0.8*	150		**VR080/075**		7380
	9.3	355	1.3	150		**VR080/090**		8180
	9.3	387	2.4	150			**VC050/110**	10320
	7.8	398	1	180		**VR080/090**		8180
	7	503	2.3	200			**VC050/110**	10320
	5.8	513	1.3	240		**VR080/110**		10320
	5.6	612	1.9	250			**VC050/110**	10320
	5.6	612	2.5	250			**VC063/130**	13500
	4.7	597	1	300		**VR080/110**		10320
	4.7	639	2	300			**VC050/110**	10320
	4.7	666	2.6	300			**VC063/130**	13500
	3.5	826	1.4	400			**VC050/110**	10320
	3.5	849	1.9	400			**VC063/130**	13500
	2.8	984	1.1	500			**VC050/110**	10320
	2.8	996	1.6	500			**VC063/130**	13500
	2.3	1181	1	600			**VC050/110**	10320
	1.9	1411*	0.9*	750			**VC050/110**	10320
	1.9	1471	1.2	750			**VC063/130**	13500
	1.6	1651*	0.8*	900			**VC050/110**	10320
	1.2	2132*	0.8*	1200			**VC063/130**	13500
	0.8	2638*	0.8*	1800			**VC063/150**	18000
	0.6	3182*	0.8*	2400			**VC063/150**	18000
M1 080 0.55 6P.. (n1 = 900 min^{-1})	**120**	38	2.2	7.5	**VP050**			2091
	90	49	1.7	10	**VP050**			2302
	90	50	3.1	10	**VP063**			3009
	60	69	1.2	15	**VP050**			2635
	60	71	2.2	15	**VP063**			3444
	45	89*	0.9*	20	**VP050**			2900
	45	90	1.6	20	**VP063**			3791
	45	93	2.9	20	**VP075**			4474
	36	109	1.3	25	**VP063**			4084
	36	124	2.1	25	**VP075**			4820
	36	117	3.5	25	**VP090**			5333
	30	123	1.4	30	**VP063**			4339
	30	128	2	30	**VP075**			5122
	22.5	152	1.1	40	**VP063**			4776
	22.5	159	1.5	40	**VP075**			5637
	22.5	168	2.7	40	**VP090**			6238
	18	181*	0.9*	50	**VP063**			5145
	18	187	1.2	50	**VP075**			6073
	18	198	2	50	**VP090**			6719
	15	207*	0.7*	60	**VP063**			5467
	15	214	1	60	**VP075**			6453
	15	224	1.6	60	**VP090**			7140
	15	242	2.8	60	**VP110**			9023
	12	306	1.1	75		**VR080/075**		6952
	11.3	262*	0.8*	80	**VP075**			7103
	11.3	275	1.1	80	**VP090**			7859
	11.3	294	1.9	80	**VP110**			9931
	10	341	1.1	90		**VR080/075**		7380
	9	315*	0.9*	100	**VP090**			8180
	9	338	1.5	100	**VP110**			10320
	7.5	441	1.4	120		**VR080/090**		8180
	6	516	1.1	150		**VR080/090**		8180
	5	578*	0.9*	180		**VR080/090**		8180
	3.8	756	1.1	240		**VR080/110**		10320

* **NOTA:** la coppia massima utilizzabile M_{m2} deve essere determinata utilizzando il fattore di servizio fs: $\mathbf{M_{m2} = M_2 \times fs}$

* **NOTE:** Maximun allowable torque M_{m2} must be calculated using service factor fs: $\mathbf{M_{m2} = M_2 \times fs}$

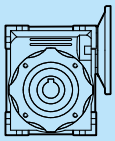
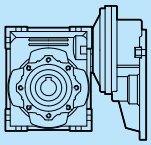
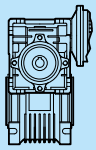
Tabella dati tecnici motoriduttori / *Table technical data gearmotors*

Pn_1 (kW)	n_2 (min^{-1})	M_2 (Nm)	fs	i				FR_2 (N)
0.75								
M3 080 0.75 2P.. (n1 = 2800 min^{-1})	**373.3**	17	3	7.5	**VP050**			1433
	280	22	2.4	10	**VP050**			1577
	186.7	31	1.7	15	**VP050**			1805
	186.7	33	3.3	15	**VP063**			2359
	140	41	1.3	20	**VP050**			1987
	140	43	2.3	20	**VP063**			2597
	112	49	1	25	**VP050**			2140
	112	52	1.8	25	**VP063**			2797
	112	54	2.9	25	**VP075**			3302
	93.3	56	1.1	30	**VP050**			2274
	93.3	60	2	30	**VP063**			2973
	93.3	62	3	30	**VP075**			3509
	70	73	0.8*	40	**VP050**			2503
	70	77	1.4	40	**VP063**			3272
	70	80	2.3	40	**VP075**			3862
	70	82	3.4	40	**VP090**			4273
	56	92	1.1	50	**VP063**			3524
	56	96	1.7	50	**VP075**			4160
	56	99	2.7	50	**VP090**			4603
	46.7	106*	0.9*	60	**VP063**			3745
	46.7	107	1.3	60	**VP075**			4421
	46.7	115	2.1	60	**VP090**			4891
	35	135	1	80	**VP075**			4865
	35	143	1.6	80	**VP090**			5383
	35	152	2.6	80	**VP110**			6803
	28	159*	0.8*	100	**VP075**			5241
	28	169	1.2	100	**VP090**			5799
	28	179	2.1	100	**VP110**			7328
	9.3	424	2.8	300			**VC050/110**	10320
	7	553	2.1	400			**VC050/110**	10320
	5.6	640	1.6	500			**VC050/110**	10320
M3 080 0.75 4P.. (n1 = 1400 min^{-1})	**280**	23	2.7	5	**VP050**			1577
	186.7	34	2.1	7.5	**VP050**			1805
	140	44	1.6	10	**VP050**			1987
	140	45	3	10	**VP063**			2567
	93.3	63	1.2	15	**VP050**			2274
	93.3	64	2.2	15	**VP063**			2973
	93	66	3.5	15	**VP075**			3509
	70	81*	0.9*	20	**VP050**			2503
	70	83	1.6	20	**VP063**			3272
	70	85	2.8	20	**VP075**			3862
	56	99*	0.7*	25	**VP050**			2696
	56	100	1.3	25	**VP063**			3524
	56	102	2	25	**VP075**			4160
	46.7	112*	0.8*	30	**VP050**			2865
	46.7	114	1.4	30	**VP063**			3745
	46.7	117	2	30	**VP075**			4421
	35	97	0.8*	40	**VP050**			2298
	35	143	1	40	**VP063**			4122
	35	147	1.5	40	**VP075**			4865
	35.0	156	3	40	**VP090**			5383
	28	171*	0.8*	50	**VP063**			4440
	28	177	1.2	50	**VP075**			5241
	28	184	1.8	50	**VP090**			5800
	28	194	3.4	50	**VP110**			7328
	23.3	200	1	60	**VP075**			5569
	23.3	212	1.5	60	**VP090**			6163
	23.3	227	2.7	60	**VP110**			7787
	18.7	280*	0.9*	75		**VR080/075**		6000
	17.5	258	1.1	80	**VP090**			6783
	17.5	274	1.9	80	**VP110**			8571
	17.5	250	80	80	**VP075**			6130
	15.6	313	1	90		**VR080/075**		6375

* **NOTA:** la coppia massima utilizzabile M_{m2} deve essere determinata utilizzando il fattore di servizio fs: $\mathbf{M_{m2} = M_2 \times fs}$

* **NOTE:** Maximun allowable torque M_{m2} must be calculated using service factor fs: $\boldsymbol{M_{m2} = M_2 \times fs}$

Tabella dati tecnici motoriduttori / *Table technical data gearmotors*

Pn_1 (kW)	n_2 (min^{-1})	M_2 (Nm)	fs	i				FR_2 (N)
0.75								
M3 080 0.75 4P.. (n1 = 1400 min^{-1})	**14**	302*	0.9*	100	**VP090**			7306
	14	322	1.5	100	**VP110**			9232
	14	365	1.8	100			**VC050/110**	8198
	11.7	405	1.2	120		**VR080/090**		7764
	9.3	483*	0.9*	150		**VR080/090**		8180
	9.3	527	1.8	150			**VC050/110**	9384
	7.8	543*	0.7*	180		**VR080/090**		8180
	7	685	1.7	200			**VC050/110**	10320
	5.8	700*	0.9*	240		**VR080/110**		10320
	5.6	835	1.4	250			**VC050/110**	10320
	5.6	835	1.8	250			**VC063/130**	13500
	5.6	835	2.5	250			**VC063/150**	18000
	4.7	871	1.5	300			**VC050/110**	10320
	4.7	908	1.9	300			**VC063/130**	13500
	4.7	993	2.3	300			**VC063/150**	18000
	3.5	1126	1.1	400			**VC050/110**	10320
	3.5	1157	1.4	400			**VC063/130**	13500
	3.5	1175	2.3	400			**VC063/150**	18000
	2.8	1535*	0.8*	500			**VC050/110**	10320
	2.8	1358	1.1	500			**VC063/130**	13500
	2.8	1291	1.8	500			**VC063/150**	18000
	2.3	1645*	0.8*	600			**VC050/110**	10320
	2.3	1631	1	600			**VC063/130**	13500
	2.3	1529	1.7	600			**VC063/150**	18000
	1.9	2005*	0.9*	750			**VC063/130**	13500
	1.9	1783	1.3	750			**VC063/150**	18000
	1.6	2283*	0.8*	900			**VC063/130**	13500
	1.6	2215*	0.9*	900			**VC063/150**	18000
	1.2	2680	1	1200			**VC063/150**	18000
M3 090 0.75 6P.. (n1 = 900 min^{-1})	**120**	52	2.9	7.5	**VP063**			2734
	90	68	2.3	10	**VP063**			3009
	60	97	1.6	15	**VP063**			3444
	60	98	2.4	15	**VP075**			4065
	45	123	1.2	20	**VP063**			3791
	45	126	1.9	20	**VP075**			4474
	36	149*	0.9*	25	**VP063**			4084
	36	153	1.4	25	**VP075**			4820
	30	167	1	30	**VP063**			4339
	30	174	1.5	30	**VP075**			5122
	30	179	2.6	30	**VP090**			5667
	22.5	210*	0.8*	40	**VP063**			4776
	22.5	216	1.1	40	**VP075**			5637
	22.5	226	1.8	40	**VP090**			6238
	22.5	239	3.3	40	**VP110**			9931
	18	255	1	50	**VP075**			6073
	18	271	1.4	50	**VP090**			6719
	18	287	2.6	50	**VP110**			10320
	15	296*	0.8*	60	**VP075**			6453
	15	306	1.1	60	**VP090**			7140
	15	325	2.1	60	**VP110**			9023
	12.2	393	3.2	73.5		**VR090/110**		9614
	11.3	401	1.4	80	**VP110**			9931
	11.3	407	2.1	80	**VP130**			12989
	9.2	508	2.3	98		**VR090/110**		10320
	9	462	1.1	100	**VP110**			10320
	9	470	1.7	100	**VP130**			13500
	7.3	607	1.8	122.5		**VR090/110**		10320
	6.1	682	1.5	147		**VR090/110**		10320
	4.6	832	1.0	196		**VR090/110**		10320
	3.7	944	1.2	245		**VR090/130**		13500

* **NOTA:** la coppia massima utilizzabile M_{m2} deve essere determinata utilizzando il fattore di servizio fs: $\mathbf{M_{m2} = M_2 \times fs}$

* **NOTE:** Maximun allowable torque M_{m2} must be calculated using service factor fs: $\boldsymbol{M_{m2} = M_2 \times fs}$

Tabella dati tecnici motoriduttori / *Table technical data gearmotors*

Pn_1 (kW)	n_2 (min^{-1})	M_2 (Nm)	fs	i				FR_2 (N)
1.10								
M3 080 1.10 2P.. (n1 = 2800 min^{-1})	**373.3**	25	2.1	7.5	**VP050**			1433
	280	33	1.7	10	**VP050**			1577
	280	33	3	10	**VP063**			2061
	186.7	48	1.2	15	**VP050**			1805
	186.7	46	2.1	15	**VP063**			2359
	186.7	50	3.3	15	**VP075**			2785
	140	62*	0.9*	20	**VP050**			1987
	140	60	1.6	20	**VP063**			2597
	140	65	2.7	20	**VP075**			3065
	112	72	1.2	25	**VP063**			2797
	112	77	2	25	**VP075**			3302
	112	81	3.1	25	**VP090**			3653
	93.3	87*	0.7*	30	**VP050**			2274
	93.3	82	1.4	30	**VP063**			2973
	93.3	89	1.9	30	**VP075**			3509
	93.3	93	3.3	30	**VP090**			3882
	70	104	1	40	**VP063**			3272
	70	114	1.4	40	**VP075**			3862
	70	120	2.3	40	**VP090**			4273
	56	137	1.1	50	**VP075**			4160
	56	145	1.8	50	**VP090**			4603
	56	150	3.3	50	**VP110**			5816
	46.7	158*	0.9*	60	**VP075**			4421
	46.7	169	1.5	60	**VP090**			4891
	46.7	176	2.7	60	**VP110**			6181
	35	201*	0.7*	80	**VP075**			4865
	35	210	1.1	80	**VP090**			5383
	35	222	1.8	80	**VP110**			6803
	28	248*	0.8*	100	**VP090**			5799
	28	263	1.4	100	**VP110**			7328
M3 090 1.10 6P.. (n1 = 900 min^{-1})	**120**	76	2	7.5	**VP063**			2734
	120	77	2.8	7.5	**VP075**			3227
	90	99	1.5	10	**VP063**			3009
	90	100	2.3	10	**VP075**			3551
	60	142	1.1	15	**VP063**			3444
	60	144	1.6	15	**VP075**			4065
	60	149	3.1	15	**VP090**			4498
	45	180*	0.8*	20	**VP063**			3791
	45	184	1.3	20	**VP075**			4474
	45	195	2.2	20	**VP090**			4951
	36	225	1	25	**VP075**			4820
	36	231	1.6	25	**VP090**			5333
	36	239	3.2	25	**VP110**			6739
	30	256	1	30	**VP075**			5122
	30	263	1.8	30	**VP090**			5667
	30	270	3.1	30	**VP110**			7161
	22.5	322*	0.9*	40	**VP075**			5637
	22.5	331	1.2	40	**VP090**			6238
	22.5	345	2.3	40	**VP110**			7882
	18	397	1	50	**VP090**			6719
	18	414	1.8	50	**VP110**			8491
	15	448*	0.8*	60	**VP090**			7140
	15	476	1.4	60	**VP110**			9023
	12.2	576	2.2	73.5		**VR090/110**		9614
	11.3	588	1	80	**VP110**			9931
	11.3	598	1.4	80	**VP130**			12989
	9.2	746	1.6	98		**VR090/110**		10320

* **NOTA:** la coppia massima utilizzabile M_{m2} deve essere determinata utilizzando il fattore di servizio fs: $\mathbf{M_{m2} = M_2 \times fs}$

* **NOTE:** Maximun allowable torque M_{m2} must be calculated using service factor fs: $\boldsymbol{M_{m2} = M_2 \times fs}$

Tabella dati tecnici motoriduttori / *Table technical data gearmotors*

Pn_1 (kW)	n_2 (min^{-1})	M_2 (Nm)	fs	i				FR_2 (N)
1.10								
M3 090 1.10 4P.. (n1 = 1400 min^{-1})	**9**	686	1.1	100	**VP130**			13500
	7.3	890	1.2	122.5		**VR090/110**		10320
	6.1	1000	1	147		**VR090/110**		10320
	186.7	50	2.6	7.5	**VP063**			2359
	140	65	2	10	**VP063**			2597
	140	66	3	10	**VP075**			3065
	93.3	93	1.5	15	**VP063**			2973
	93.3	96	2.1	15	**VP075**			3509
	70	122	1.1	20	**VP063**			3272
	70	123	1.7	20	**VP075**			3862
	70	128	3.1	20	**VP090**			4273
	56	146*	0.9*	25	**VP063**			3524
	56	150	1.3	25	**VP075**			4160
	56	156	2.4	25	**VP090**			4603
	46.7	167	1	30	**VP063**			3745
	46.7	171	1.3	30	**VP075**			4421
	46.7	178	2.4	30	**VP090**			4891
	35	216	1	40	**VP075**			4865
	35	225	1.6	40	**VP090**			5383
	35	237	3	40	**VP110**			6803
	28	263*	0.9*	50	**VP075**			5241
	28	270	1.3	50	**VP090**			5799
	28	281	2.3	50	**VP110**			7328
	23.3	297*	0.7*	60	**VP075**			5569
	23.3	311	1	60	**VP090**			6163
	23.3	324	1.9	60	**VP110**			7787
	19	392	2.5	73.5		**VR090/110**		8298
	17.5	384	1	80	**VP090**			6783
	17.5	402	1.3	80	**VP110**			8571
	17.5	408	2.1	80	**VP130**			11210
	14.3	508	1.8	98		**VR090/110**		9133
	14	473	1	100	**VP110**			9232
	14	480	1.5	100	**VP130**			12076
	11.4	599	1.5	122.5		**VR090/110**		9838
	9.5	686	1.1	147		**VR090/110**		10320
	7.1	828*	0.8*	196		**VR090/110**		10320
	5.7	962*	0.9*	245		**VR090/130**		13500
	5.6	1224	1.2	250			**VC063/130**	13500
	5.6	1175	1.7	250			**VC063/150**	18000
	4.7	1312	1.3	300			**VC063/130**	13500
	4.7	1364	1.7	300			**VC063/150**	18000
	3.5	1671	1	400			**VC063/130**	13500
	3.5	1619	1.6	400			**VC063/150**	18000
	2.8	1991*	0.8*	500			**VC063/130**	13500
	2.8	1893	1.2	500			**VC063/150**	18000
	2.3	2510*	0.7*	600			**VC063/130**	13500
	2.3	2242	1.2	600			**VC063/150**	18000
	1.9	2616*	0.9*	750			**VC063/150**	18000

* **NOTA:** la coppia massima utilizzabile M_{m2} deve essere determinata utilizzando il fattore di servizio fs: $\mathbf{M_{m2} = M_2 \times fs}$

* **NOTE:** Maximun allowable torque M_{m2} must be calculated using service factor fs: $\mathbf{M_{m2} = M_2 \times fs}$

Tabella dati tecnici motoriduttori / *Table technical data gearmotors*

Pn_1 (kW)	n_2 (min^{-1})	M_2 (Nm)	fs	i				FR_2 (N)
1.50								
M3 100 1.50 6P.. (n1 = 900 min^{-1})	**120**	105	2	7.5	**VP075**			3227
	90	137	1.7	10	**VP075**			3551
	90	138	2.7	10	**VP090**			3929
	60	196	1.2	15	**VP075**			4065
	60	201	2.1	15	**VP090**			4498
	45	255	1.1	20	**VP075**			4474
	45	258	1.5	20	**VP090**			4951
	45	264	2.7	20	**VP110**			6256
	36	311*	0.8*	25	**VP075**			4820
	36	314	1.2	25	**VP090**			5333
	36	322	2.4	25	**VP110**			6739
	36	330	3.2	25	**VP130**			8814
	30	354*	0.8*	30	**VP075**			5122
	30	358	1.3	30	**VP090**			5667
	30	363	2.3	30	**VP110**			7161
	30	377	3.1	30	**VP130**			9366
	22.5	459	1	40	**VP090**			6238
	22.5	471	1.7	40	**VP110**			7882
	22.5	478	2.3	40	**VP130**			10309
	18	565	1.3	50	**VP110**			8491
	18	573	1.8	50	**VP130**			11105
	18	589	2.7	50	**VP150**			15182
	15	649	1.1	60	**VP110**			9023
	15	659	1.4	60	**VP130**			11801
	15	678	2.1	60	**VP150**			16133
	11.3	815	1.1	80	**VP130**			12989
	11.3	841	1.5	80	**VP150**			17757
	9	955*	0.8*	100	**VP130**			13500
	9	971	1.2	100	**VP150**			18000
M3 090 1.50 4P.. (n1 = 1400 min^{-1})	**186.7**	68	1.9	7.5	**VP063**			2359
	186.7	68	2.7	7.5	**VP075**			2785
	140	89	1.5	10	**VP063**			2597
	140	90	2.2	10	**VP075**			3065
	93.3	127	1.1	15	**VP063**			2973
	93.3	130	1.5	15	**VP075**			3509
	93.3	134	3	15	**VP090**			3882
	70	166*	0.8*	20	**VP063**			3272
	70	168	1.3	20	**VP075**			3862
	70	172	2.1	20	**VP090**			4273
	56	205	1	25	**VP075**			4160
	56	210	1.6	25	**VP090**			4603
	56	218	3.1	25	**VP110**			5816
	46.7	233	1	30	**VP075**			4421
	46.7	239	1.7	30	**VP090**			4891
	46.7	246	3	30	**VP110**			6181
	35	299*	0.8*	40	**VP075**			4865
	35	307	1.2	40	**VP090**			5383
	35	319	2.2	40	**VP110**			6803
	28	368*	0.9*	50	**VP090**			5799
	28	384	1.7	50	**VP110**			7328
	23.3	424*	0.8*	60	**VP090**			6163
	23.3	442	1.4	60	**VP110**			7787
	19	535	1.9	73.5		**VR090/110**		8298
	17.5	548*	0.9*	80	**VP110**			8571
	17.5	557	1.5	80	**VP130**			11210
	14.3	693	1.3	98		**VR090/110**		9133
	14	655	1.1	100	**VP130**			12076
	11.4	817	1.1	122.5		**VR090/110**		9838
	9.5	936*	0.8*	147		**VR090/110**		10320
	7.1	1149*	0.8*	196		**VR090/130**		13500

* **NOTA:** la coppia massima utilizzabile M_{m2} deve essere determinata utilizzando il fattore di servizio fs: $\mathbf{M_{m2} = M_2 \times fs}$

* **NOTE:** Maximun allowable torque M_{m2} must be calculated using service factor fs: $\mathbf{M_{m2} = M_2 \times fs}$

Tabella dati tecnici motoriduttori / *Table technical data gearmotors*

Pn_1 (kW)	n_2 (min^{-1})	M_2 (Nm)	fs	i				FR_2 (N)
1.50								
M3 090 1.50 4P.. (n1 = 1400 min^{-1})	**5.7**	962*	0.9*	245		**VR090/130**		13500
	5.6	1669*	0.9*	250			**VC063/130**	13500
	5.6	1602	1.3	250			**VC063/150**	18000
	4.7	1789	1	300			**VC063/130**	13500
	4.7	1860	1.3	300			**VC063/150**	18000
	3.5	2279*	0.7*	400			**VC063/130**	13500
	3.5	2208	1.2	400			**VC063/150**	18000
	2.8	2582*	0.9*	500			**VC063/150**	18000
	2.3	3057*	0.9*	600			**VC063/150**	18000
M3 090 1.50 2P.. (n1 = 2800 min^{-1})	**373**	35	2.7	7.5	**VP063**			1873
	280	45	2.2	10	**VP063**			2061
	280	45	3.2	10	**VP075**			2433
	186.7	66	1.6	15	**VP063**			2359
	186.7	66	2.3	15	**VP075**			2785
	140	86	1.2	20	**VP063**			2597
	140	86	1.9	20	**VP075**			3065
	140	90	2.9	20	**VP090**			3391
	112	105*	0.9*	25	**VP063**			2797
	112	105	1.4	25	**VP075**			3302
	112	110	2.3	25	**VP090**			3653
	93.3	120	1	30	**VP063**			2973
	93.3	121	1.4	30	**VP075**			3509
	93.3	127	2.4	30	**VP090**			3882
	70	156*	0.7*	40	**VP063**			3272
	70	156	1.1	40	**VP075**			3862
	70	164	1.7	40	**VP090**			4273
	70	170	3.1	40	**VP110**			5399
	56	187	1.3	50	**VP075**			4160
	56	197	1.3	50	**VP090**			4603
	56	205	2.4	50	**VP110**			5816
	46.7	215	1.1	60	**VP075**			4421
	46.7	227	1.1	60	**VP090**			4891
	46.7	236	2	60	**VP110**			6181
	35	287*	0.8*	80	**VP090**			5383
	35	299	1.3	80	**VP110**			6803
	28	358	1	100	**VP110**			7328
	9.3	878	1.9	300			**VC063/130**	13500
	7	1105	1.4	400			**VC063/130**	13500
	5.6	1305	1.1	500			**VC063/130**	13500
2.20								
M3 100 2.20 4P.. (n1 = 1400 min^{-1})	**186.7**	100	1.8	7.5	**VP075**			2785
	186.7	101	2.9	7.5	**VP090**			3081
	140	132	1.5	10	**VP075**			3065
	140	134	2.3	10	**VP090**			3391
	93.3	191	1	15	**VP075**			3509
	93.3	194	1.9	15	**VP090**			3882
	93.3	196	3.3	15	**VP110**			4905
	70	249*	0.9*	20	**VP075**			3862
	70.00	252	1.4	20	**VP090**			4273
	70	255	2.5	20	**VP110**			5399
	56	304*	0.7*	25	**VP075**			4160
	56.00	308	1.1	25	**VP090**			4603
	56	315	2.2	25	**VP110**			5816
	56	319	2.9	25	**VP130**			7607
	46.7	347*	0.7*	30	**VP075**			4421
	46.70	351	1.2	30	**VP090**			4891
	46.7	356	2	30	**VP110**			6181

* **NOTA:** la coppia massima utilizzabile M_{m2} deve essere determinata utilizzando il fattore di servizio fs: $\mathbf{M_{m2} = M_2 \times fs}$

* **NOTE:** Maximun allowable torque M_{m2} must be calculated using service factor fs: $\mathbf{M_{m2} = M_2 \times fs}$

Tabella dati tecnici motoriduttori / *Table technical data gearmotors*

Pn_1 (kW)	n_2 (min^{-1})	M_2 (Nm)	fs	i				FR_2 (N)
2.20								
M3 100 2.20 4P.. (n1 = 1400 min^{-1})	**46.7**	365	2.9	30	**VP130**			8084
	35	468	1.5	40	**VP110**			6803
	35	468	2.2	40	**VP130**			8897
	30.00	456*	0.9*	40	**VP090**			5383
	28	563	1.2	50	**VP110**			7328
	28	563	1.7	50	**VP130**			9584
	28	570	2.5	50	**VP150**			13103
	23.3	648	1.0	60	**VP110**			7787
	23.3	648	1.4	60	**VP130**			10185
	23.3	657	1.9	60	**VP150**			13924
	17.5	816	1	80	**VP130**			11210
	17.5	816	1.4	80	**VP150**			15325
	14.0	976	1	100	**VP130**			12076
	14	960	1	100	**VP150**			16508
M3 112 2.20 6P.. (n1 = 900 min^{-1})	**120**	154	1.4	7.5	**VP075**			3227
	120	156	2.2	7.5	**VP090**			3570
	90	201	1.1	10	**VP075**			3551
	90	203	1.8	10	**VP090**			3929
	90	205	3.5	10	**VP110**			4965
	60	291*	0.9*	15	**VP075**			4065
	60	294	1.4	15	**VP090**			4498
	60	298	2.6	15	**VP110**			5684
	45	374*	0.7*	20	**VP075**			4474
	45	532*	0.9*	30	**VP090**			5667
	45	378	1	20	**VP090**			4951
	45	388	1.9	20	**VP110**			6256
	36	467*	0.9*	25	**VP090**			5333
	36	473	1.6	25	**VP110**			6739
	36	479	2.2	25	**VP130**			8814
	30	532	1.6	30	**VP110**			7161
	30	546	2.1	30	**VP130**			9366
	22.5	701	1.1	40	**VP110**			7882
	22.5	700	1.6	40	**VP130**			10309
	18	841*	0.9*	50	**VP110**			8491
	18	840	1.2	50	**VP130**			11105
	18	864	1.9	50	**VP150**			15182
	15	967*	0.7*	60	**VP110**			9023
	15	966	1	60	**VP130**			11801
	15	995	1.4	60	**VP150**			16133
	11.3	1214*	0.7*	80	**VP130**			12898
	11.3	1233	1.1	80	**VP150**			17757
	9	1425*	0.8*	100	**VP150**			18000
M3 090 2.20 2P.. (n1 = 2800 min^{-1})	**373.3**	51	1.8	7.5	**VP063**			1873
	373.3	50	2.6	7.5	**VP075**			2210
	280	66	1.5	10	**VP063**			2061
	280	66	2.2	10	**VP075**			2433
	280	68	3.5	10	**VP090**			2692
	186.7	97	1.1	15	**VP063**			2359
	186.7	97	1.5	15	**VP075**			2785
	186.7	100	2.7	15	**VP090**			3081
	140	128*	0.8*	20	**VP063**			2597
	140	126	1.3	20	**VP075**			3065
	140	129	2	20	**VP090**			3391
	112	154	1	25	**VP075**			3302
	112	159	1.6	25	**VP090**			3653
	112	161	3.1	25	**VP110**			4616
	93.3	178	1	30	**VP075**			3509
	93.3	185	1.7	30	**VP090**			3882
	93.3	187	3	30	**VP110**			4905

* **NOTA:** la coppia massima utilizzabile M_{m2} deve essere determinata utilizzando il fattore di servizio fs: $\mathbf{M_{m2} = M_2 \times fs}$

* **NOTE:** Maximun allowable torque M_{m2} must be calculated using service factor fs: $\mathbf{M_{m2} = M_2 \times fs}$

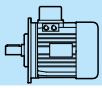
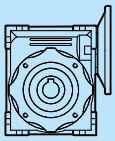
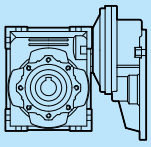
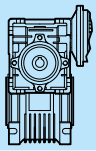
Tabella dati tecnici motoriduttori / *Table technical data gearmotors*

Pn_1 (kW)	n_2 (min^{-1})	M_2 (Nm)	fs	i				FR_2 (N)
2.20								
M3 090 2.20 2P.. (n1 = 2800 min^{-1})	**70**	234*	0.8*	40	**VP075**			3862
	70	237	1.2	40	**VP090**			4273
	70	243	2.2	40	**VP110**			5399
	56	289*	0.9*	50	**VP090**			4603
	56	296	1.7	50	**VP110**			5816
	46.7	347	1.4	60	**VP110**			6181
	38.6	398	2.1	73.5		**VR090/110**		6586
	35	444*	0.9*	80	**VP110**			6803
	35	444	1.3	80	**VP130**			8897
	28.9	516	1.5	98		**VR090/110**		7249
	28	525*	0.7*	100	**VP110**			7328
	28	525	1	100	**VP130**			9584
	23.1	617	1.2	122.5		**VR090/110**		7809
3.00								
M3 100 3.00 2P.. (n1 = 2800 min^{-1})	**373.3**	68	1.9	7.5	**VP075**			2210
	373.3	70	3	7.5	**VP090**			2446
	280	90	1.6	10	**VP075**			2433
	280	92	2.6	10	**VP090**			2692
	186.7	135	1.2	15	**VP075**			2785
	186.7	137	2	15	**VP090**			3081
	140	176	1	20	**VP075**			3065
	140	180	1.4	20	**VP090**			3391
	140	182	2.7	20	**VP110**			4285
	112	215*	0.7*	25	**VP075**			3302
	112	220	1.1	25	**VP090**			3653
	112	225	2.2	25	**VP110**			4616
	93.3	249*	0.7*	30	**VP075**			3509
	93.3	255	1.2	30	**VP090**			3882
	93.3	258	2.1	30	**VP110**			4905
	70	328*	0.8*	40	**VP090**			4273
	70	340	1.6	40	**VP110**			5399
	56	409	1.2	50	**VP110**			5816
	46.7	479	1	60	**VP110**			6181
M3 100 3.00 4P.. (n1 = 1400 min^{-1})	**186.7**	137	1.4	7.5	**VP075**			2785
	186.7	138	2.1	7.5	**VP090**			3081
	140	180	1.1	10	**VP075**			3065
	140	182	1.7	10	**VP090**			3391
	140	182	3.3	10	**VP110**			4285
	93.3	261*	0.8*	15	**VP075**			3509
	93.3	264	1.4	15	**VP090**			3882
	93.3	264	2.5	15	**VP110**			4905
	70	344	1	20	**VP090**			4273
	70	348	1.9	20	**VP110**			5399
	56	420*	0.8*	25	**VP090**			4603
	56	430	1.6	25	**VP110**			5816
	56	430	2.2	25	**VP130**			7607
	46.7	479*	0.9*	30	**VP090**			4891
	46.7	485	1.5	30	**VP110**			6181
	46.7	491	2.1	30	**VP130**			8084
	35	638	1.1	40	**VP110**			6803
	35	638	1.6	40	**VP130**			8897
	28	767*	0.9*	50	**VP110**			7328
	28	767	1.3	50	**VP130**			9584

* **NOTA:** la coppia massima utilizzabile M_{m2} deve essere determinata utilizzando il fattore di servizio fs: $\mathbf{M_{m2} = M_2 \times fs}$

* **NOTE:** Maximun allowable torque M_{m2} must be calculated using service factor fs: $\boldsymbol{M_{m2} = M_2 \times fs}$

Tabella dati tecnici motoriduttori / *Table technical data gearmotors*

Pn_1 (kW) 	n_2 (min^{-1})	M_2 (Nm)	fs	i				FR_2 (N)
3.00								
M3 100 3.00 4P.. (n1 = 1400 min^{-1})	**28**	778	1.8	50	**VP150**			13103
	23.3	884	1	60	**VP130**			10185
	23.3	896	1.4	60	**VP150**			13924
	17.5	1113*	0.8*	80	**VP130**			11210
	17.5	1113	1	80	**VP150**			15325
	14.00	1310*	0.8*	100	**VP150**			16508
M3 132 3.00 6P.. (n1 = 900 min^{-1})	**120**	212	3.1	7.5	**VP110**			4511
	90	280	2.5	10	**VP110**			4965
	90	280	3.4	10	**VP130**			6494
	60	406	1.9	15	**VP110**			5684
	60	406	2.6	15	**VP130**			7434
	45	528	1.4	20	**VP110**			6256
	45	535	1.9	20	**VP130**			8182
	45	541	2.8	20	**VP150**			11186
	36	653	1.2	25	**VP110**			6739
	36	653	1.6	25	**VP130**			8814
	36	669	2.1	25	**VP150**			12050
	30	736	1.1	30	**VP110**			7161
	30	745	1.6	30	**VP130**			9366
	30	783	1.8	30	**VP150**			12805
	22.5	955*	0.8*	40	**VP110**			7882
	22.5	955	1.2	40	**VP130**			10309
	22.5	968	1.9	40	**VP150**			14094
	18	1178	1.4	50	**VP150**			15182
	15	1357	1.1	60	**VP150**			16133
4.00								
M3 112 4.00 2P.. (n1 = 2800 min^{-1})	**373.3**	91	1.4	7.5	**VP075**			2210
	373.3	93	2.3	7.5	**VP090**			2446
	280	120	1.2	10	**VP075**			2433
	280	123	1.9	10	**VP090**			2692
	186.7	180*	0.9*	15	**VP075**			2785
	186.7	182	1.5	15	**VP090**			3081
	140	235	0.7	20	**VP075**			3065
	140	240	1.1	20	**VP090**			3391
	112	293*	0.9*	25	**VP090**			3653
	93.3	340*	0.9*	30	**VP090**			3882
M3 112 4.00 4P.. (n1 = 1400 min^{-1})	**186.7**	180	1	7.5	**VP075**			2785
	186.7	184	1.6	7.5	**VP090**			3081
	187	184	3.0	7.5	**VP110**			3893
	140	237*	0.8*	10	**VP075**			3065
	140	243	1.3	10	**VP090**			3391
	140	243	2.5	10	**VP110**			4285
	93.3	352	1	15	**VP090**			3882
	93.3	352	1.9	15	**VP110**			4905
	70	458*	0.8*	20	**VP090**			4273
	70	464	1.4	20	**VP110**			5399
	56	573	1.2	25	**VP110**			5816
	56	573	1.6	25	**VP130**			7607
	46.7	647	1.1	30	**VP110**			6181
	46.7	655	1.6	30	**VP130**			8084
	35	863*	0.8*	40	**VP110**			6803
	35	851	1.2	40	**VP130**			8897
	28	1023	1	50	**VP130**			9584
	28	1037	1.4	50	**VP150**			13103
	23.3	1179*	0.8*	60	**VP130**			10185
	23.3	1195	1.1	60	**VP150**			13924
	17.5	1484*	0.8*	80	**VP150**			15325
M3 132 4.00 6P.. (n1 = 900 min^{-1})	**120**	283	2.3	7.5	**VP110**			4511
	120	287	3.1	7.5	**VP130**			5901
	90	374	1.9	10	**VP110**			4965
	90	374	2.6	10	**VP130**			6494
	60	541	1.4	15	**VP110**			5684

* **NOTA:** la coppia massima utilizzabile M_{m2} deve essere determinata utilizzando il fattore di servizio fs: $\mathbf{M_{m2} = M_2 \times fs}$

* **NOTE:** Maximun allowable torque M_{m2} must be calculated using service factor fs: $\boldsymbol{M_{m2} = M_2 \times fs}$

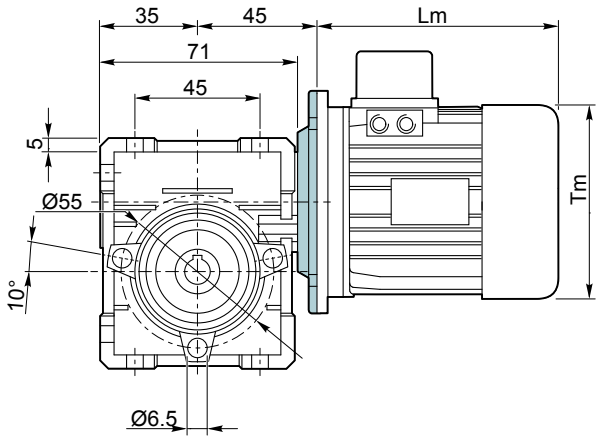
Tabella dati tecnici motoriduttori / *Table technical data gearmotors*

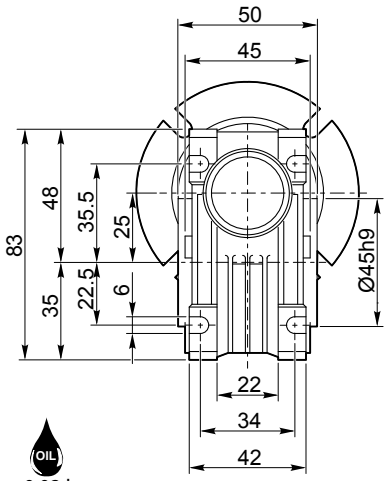
Pn_1 (kW)	n_2 (min^{-1})	M_2 (Nm)	fs	i				FR_2 (N)
4.00								
M3 132 4.00 6P.. (n1 = 900 min^{-1})	**60**	541	2	15	**VP130**			7434
	56	580	1.2	25	**VP110**			5816
	46.7	655	1.1	30	**VP110**			6181
	45	713	1.5	20	**VP130**			8182
	45	722	2.1	20	**VP150**			11186
	36	870	1.2	25	**VP130**			8814
	36	892	1.5	25	**VP150**			12050
	35	863*	0.8*	40	**VP110**			6803
	30	1006	1.2	30	**VP130**			9366
	30	1045	1.3	30	**VP150**			12805
	22.5	1291*	0.9*	40	**VP130**			10309
	22.5	1291	1.4	40	**VP150**			14094
	18	1571	1	50	**VP150**			15182
	15	1809*	0.8*	60	**VP150**			16133
5.50								
M3 132 5.50 4P.. (n1 = 1400 min^{-1})	**186.7**	253	2.2	7.5	**VP110**			3893
	140	334	1.8	10	**VP110**			4285
	140	334	2.5	10	**VP130**			5605
	93.3	484	1.4	15	**VP110**			4905
	93.3	490	1.9	15	**VP130**			6416
	70	638	1	20	**VP110**			5399
	70	645	1.4	20	**VP130**			7062
	70	645	2	20	**VP150**			9654
	56	798*	0.9*	25	**VP110**			5816
	56	788	1.2	25	**VP130**			7607
	56	788	1.5	25	**VP150**			10400
	46.7	901*	0.8*	30	**VP110**			6181
	46.7	900	1.2	30	**VP130**			8084
	46.7	934	1.3	30	**VP150**			11051
	35	1171*	0.9*	40	**VP130**			8897
	35	1171	1.3	40	**VP150**			12163
	28	1426	1	50	**VP150**			13103
	23.3	1643*	0.8*	60	**VP150**			13924
7.50								
M3 132 7.50 4P.. (n1 = 1400 min^{-1})	**186.7**	345	1.6	7.5	**VP110**			3893
	186.7	349	2.1	7.5	**VP130**			5092
	140	455	1.3	10	**VP110**			4285
	140	455	1.8	10	**VP130**			5605
	93.3	660	1	15	**VP110**			4905
	93.3	668	1.4	15	**VP130**			6416
	70	880*	0.7*	20	**VP110**			5399
	70	880	1.0	20	**VP130**			7062
	70	880	1.5	20	**VP150**			9654
	56	1074*	0.9*	25	**VP130**			7607
	56	1074	1.1	25	**VP150**			10400
	46.7	1228*	0.8*	30	**VP130**			8084
	46.7	1274*	0.9*	30	**VP150**			11051
	35	1596*	0.7*	40	**VP130**			8897
	35	1596	1	40	**VP150**			12163
	28	1971*	0.7*	50	**VP150**			13103
11.0								
M3 160 11.0 4P.. (n1 = 1400 min^{-1})	**187**	512	2.3	7.5	**VP150**			6962
	140	675	1.8	10	**VP150**			7663
	93.3	990	1.3	15	**VP150**			8771
	70	1291	1.0	20	**VP150**			9654
	56	1576*	0.8*	25	**VP150**			10400
15.0								
M3 160 15.0 4P.. (n1 = 1400 min^{-1})	**187**	698	1.7	7.5	**VP150**			6962
	140	921	1.3	10	**VP150**			7663
	93.3	1351*	0.9*	15	**VP150**			8771
	70	1760*	0.7*	20	**VP150**			9654

* **NOTA:** la coppia massima utilizzabile M_{m2} deve essere determinata utilizzando il fattore di servizio fs: $\mathbf{M_{m2} = M_2 \times fs}$

* **NOTE:** Maximun allowable torque M_{m2} must be calculated using service factor fs: $\boldsymbol{M_{m2} = M_2 \times fs}$

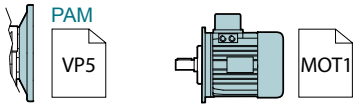
VP 025 P ...



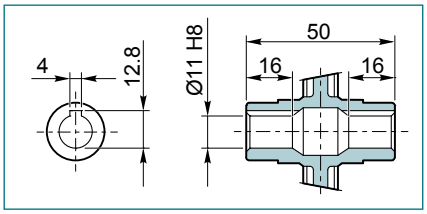


Kg 0.7 kg

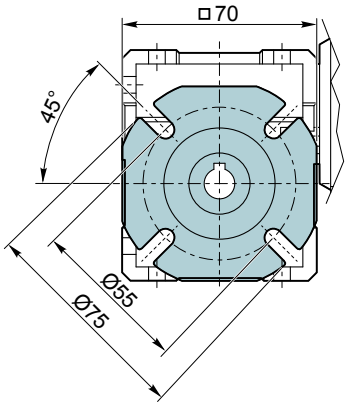
OIL 0.02 l



Albero uscita / Output shaft

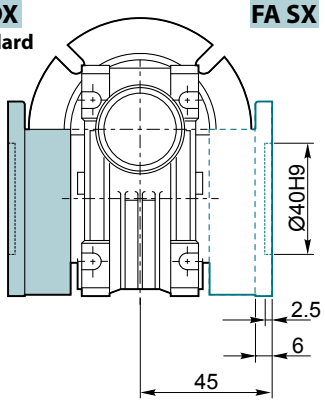


VP 025 F...

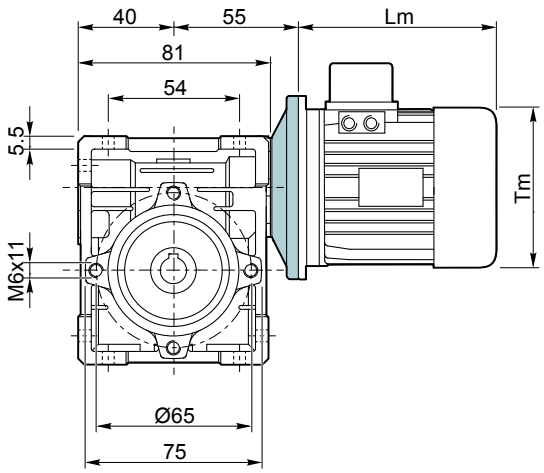


FA DX
Standard

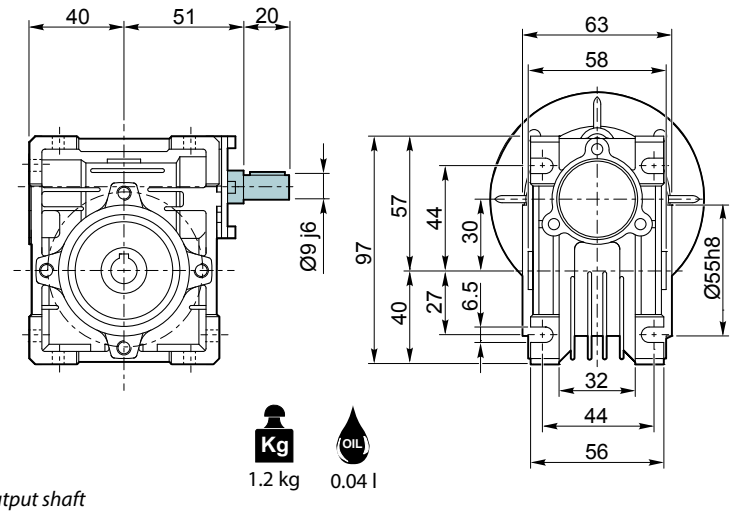
FA SX



VP 030 P ...

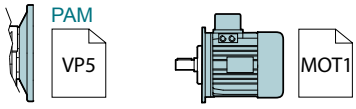


VI 030 P ...

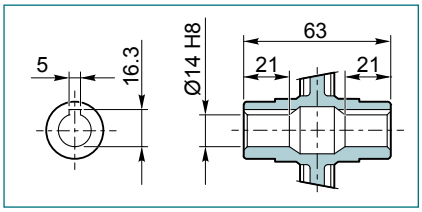


Kg 1.2 kg

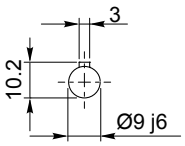
OIL 0.04 l



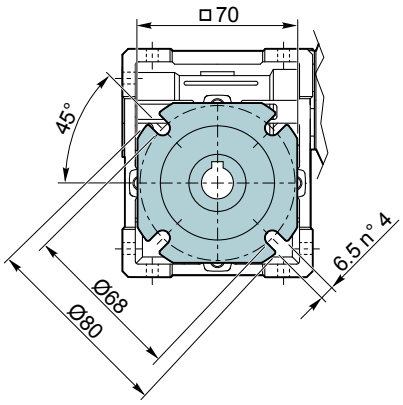
Albero uscita / Output shaft



Albero entrata / Input shaft

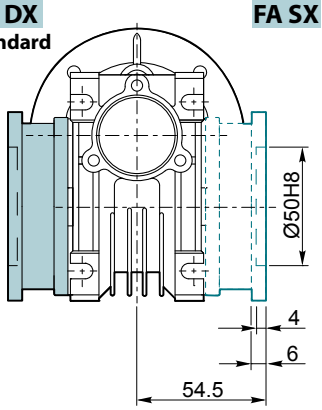


VP 030 F... / VI 030 F...

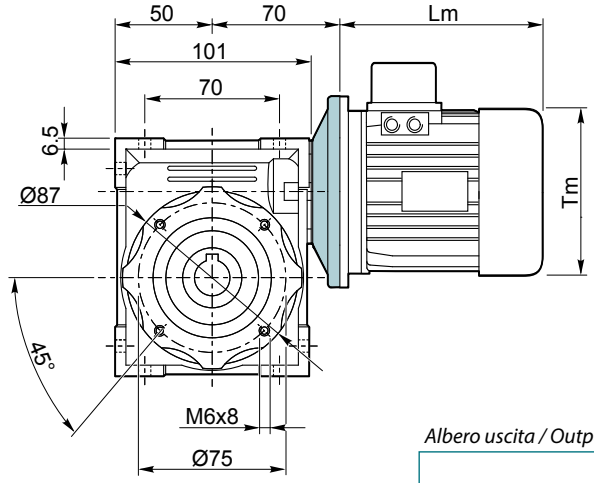


FA DX
Standard

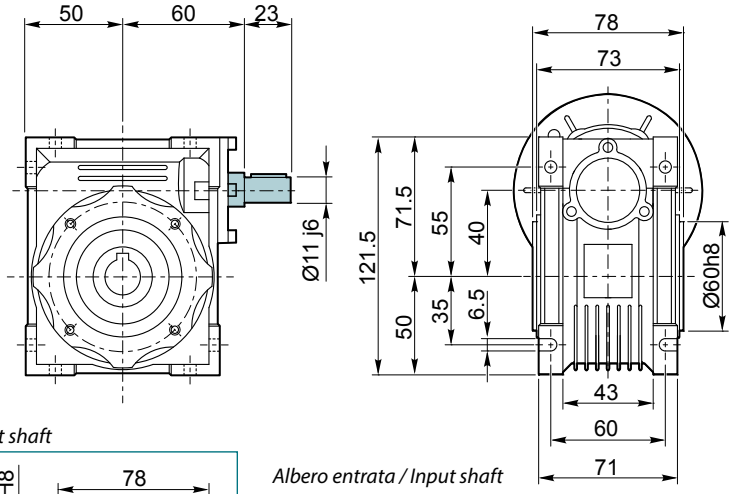
FA SX

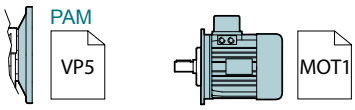


VP 040 P ...

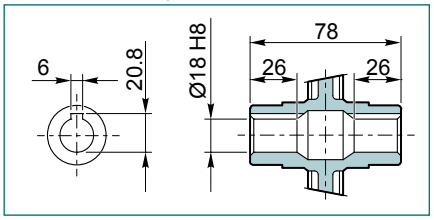


VI 040 P ...

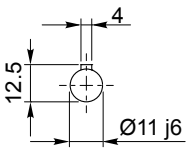


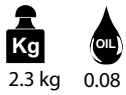


Albero uscita / Output shaft

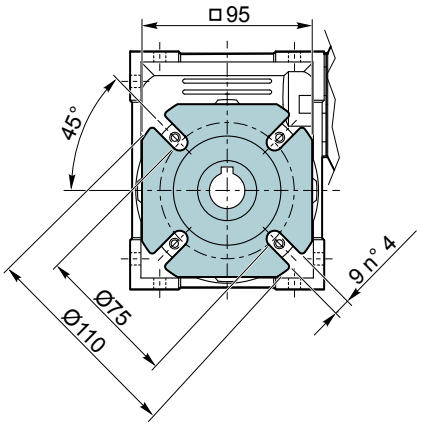


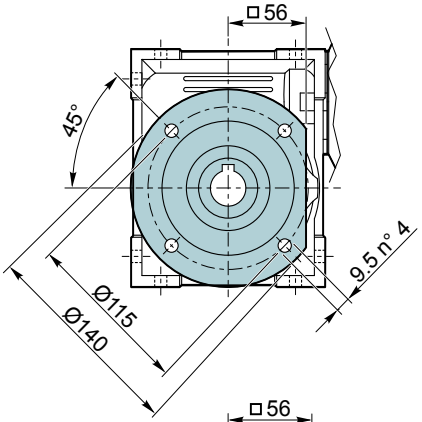
Albero entrata / Input shaft

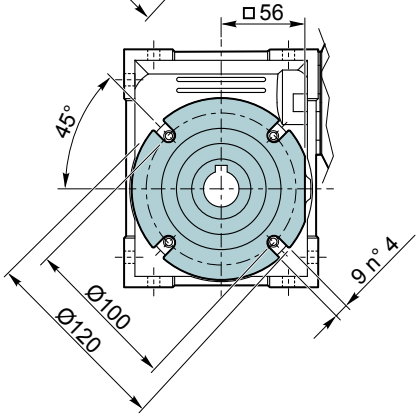




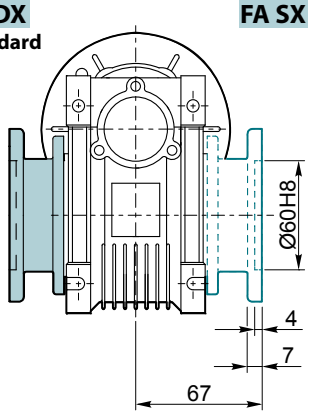
VP 040 F... / VI 040 F...



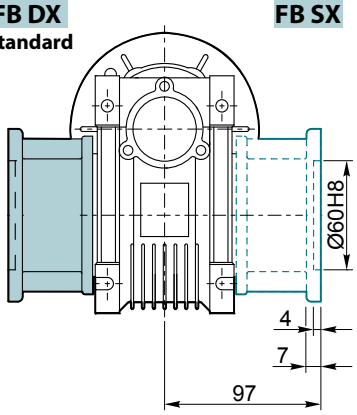




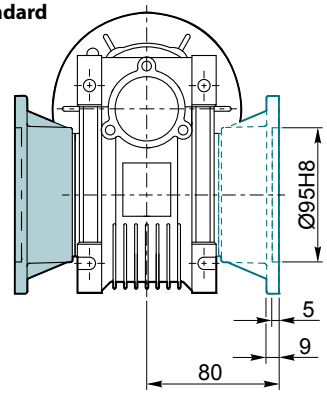
FA DX **FA SX**
Standard



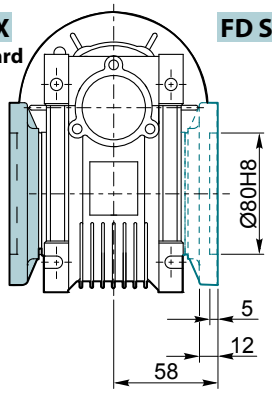
FB DX **FB SX**
Standard



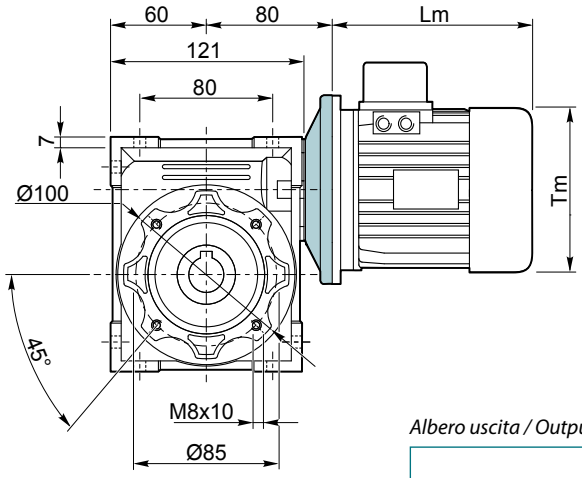
FC DX **FC SX**
Standard



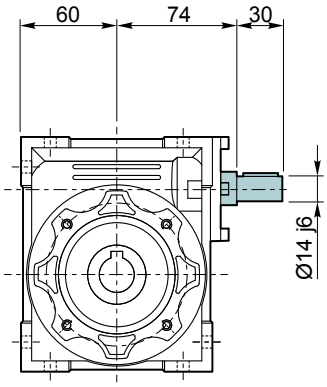
FD DX **FD SX**
Standard

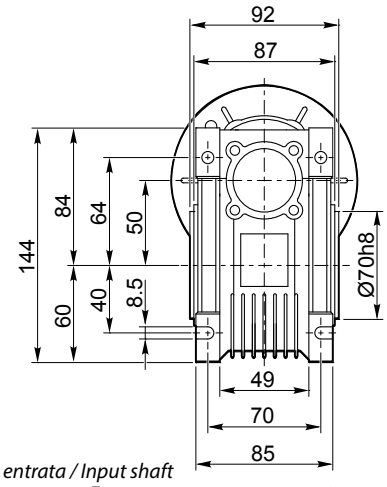


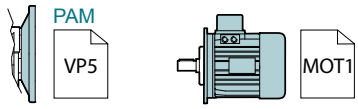
VP 050 P ...



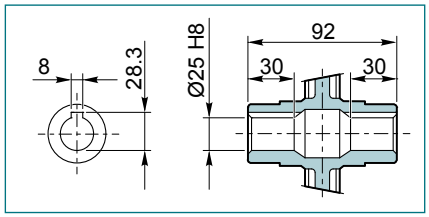
VI 050 P ...



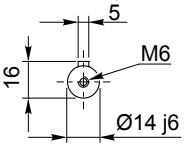


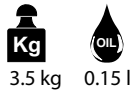


Albero uscita / Output shaft

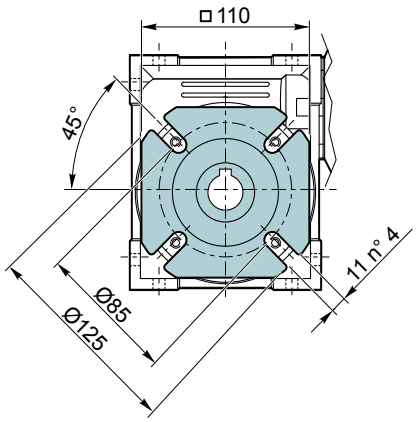


Albero entrata / Input shaft

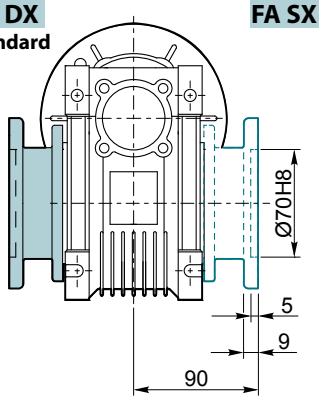




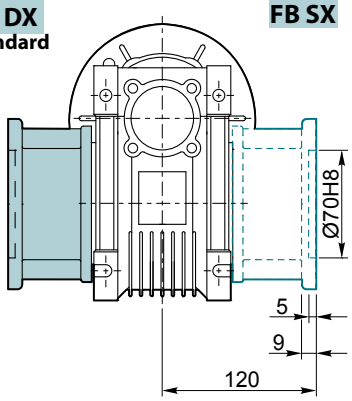
VP 050 F... / VI 050 F...

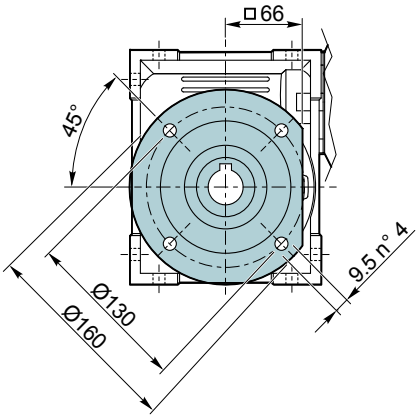


FA DX **Standard** **FA SX**

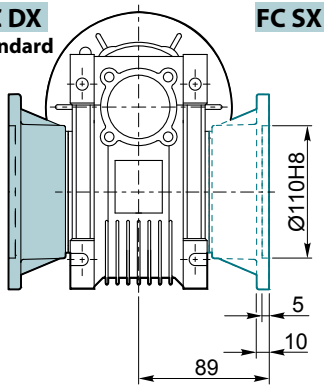


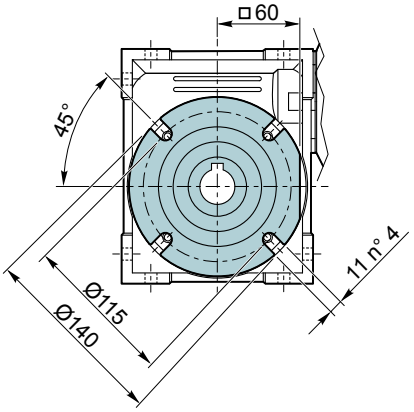
FB DX **Standard** **FB SX**



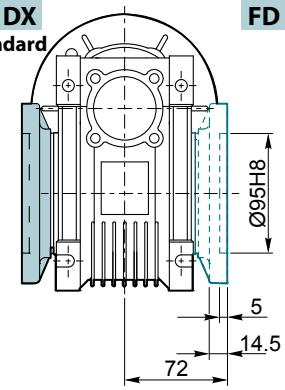


FC DX **Standard** **FC SX**

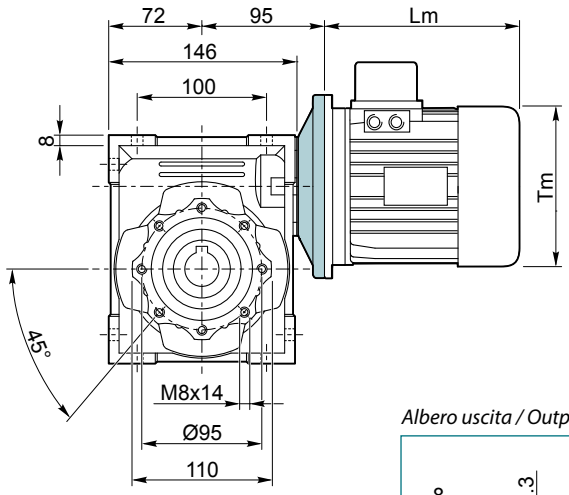




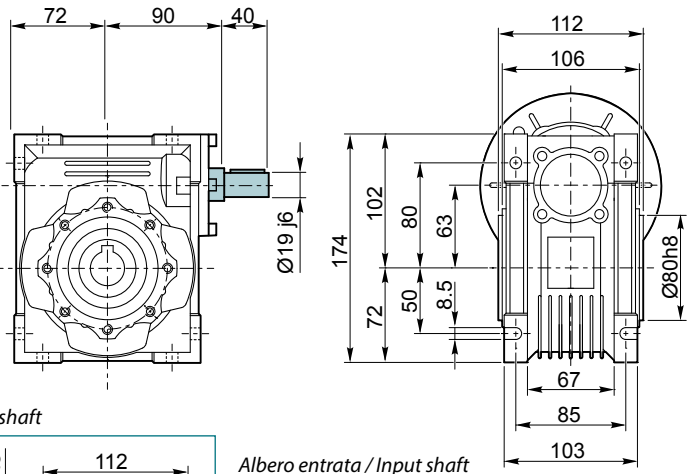
FD DX **Standard** **FD SX**

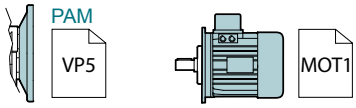


VP 063 P ...

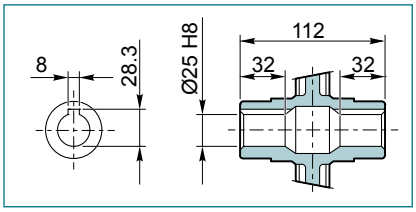


VI 063 P ...

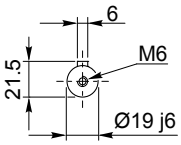




Albero uscita / Output shaft

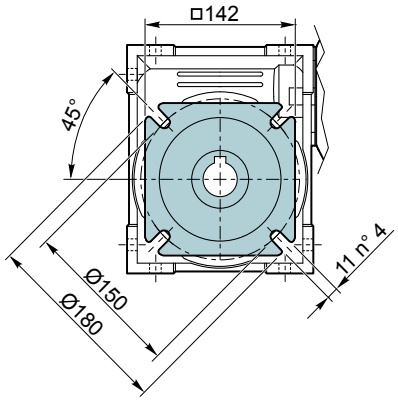


Albero entrata / Input shaft

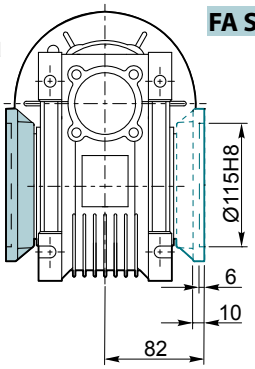


6.2 kg 0.25 l

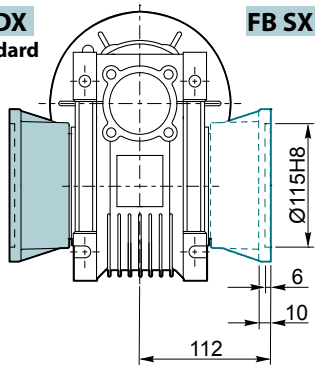
VP 063 F... / VI 063 F...

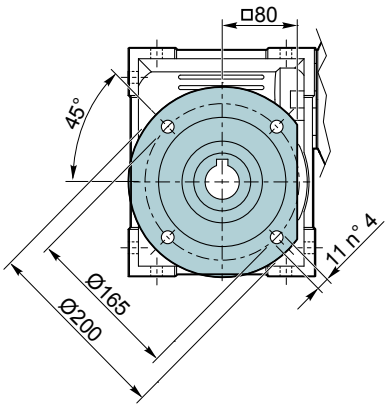


FA DX Standard **FA SX**

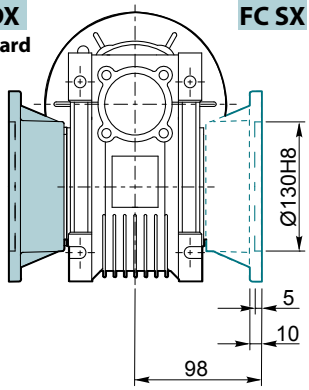


FB DX Standard **FB SX**

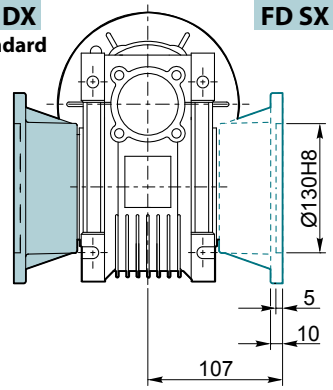


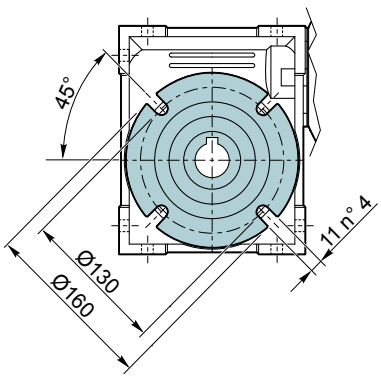


FC DX Standard **FC SX**

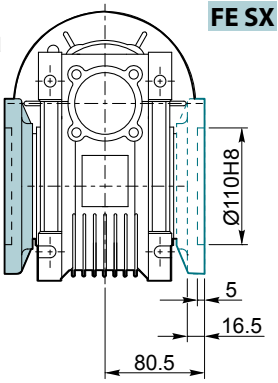


FD DX Standard **FD SX**

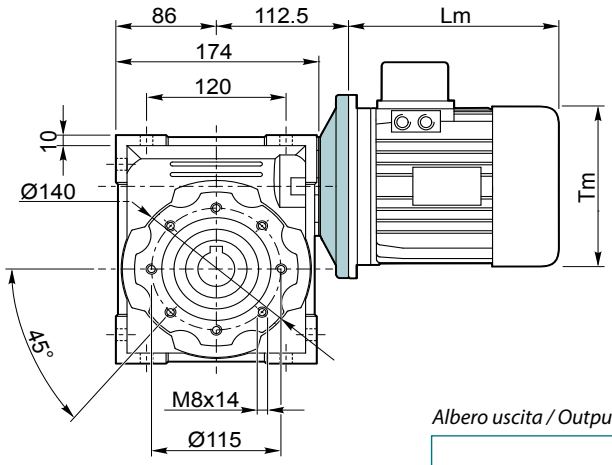




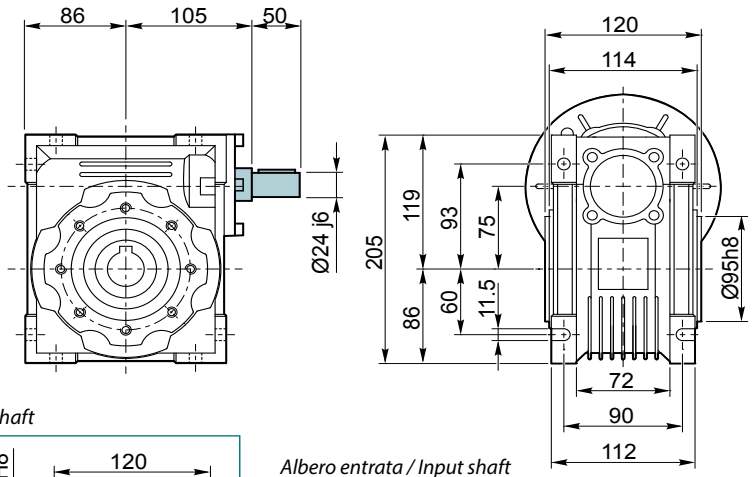
FE DX Standard **FE SX**

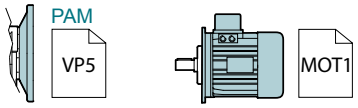


VP 075 P ...

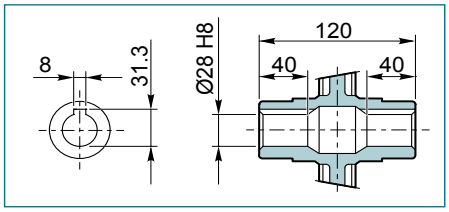


VI 075 P ...

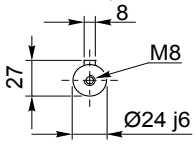


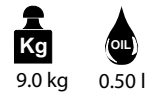


Albero uscita / Output shaft

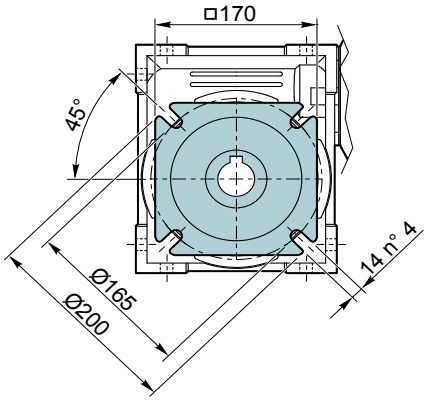


Albero entrata / Input shaft



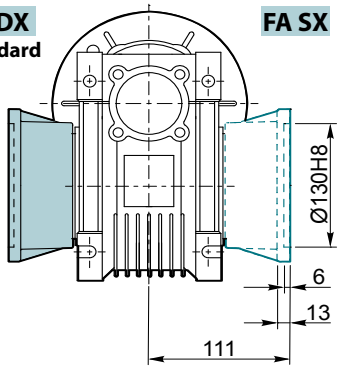


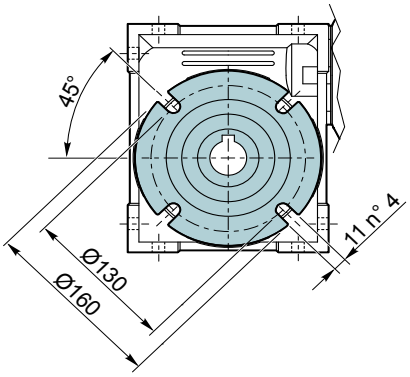
VP 075 F... / VI 075 F...



FA DX
Standard

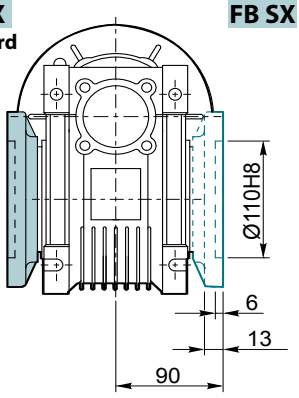
FA SX



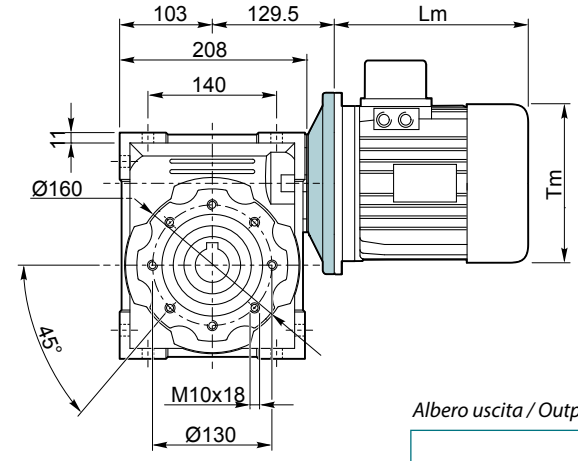


FB DX
Standard

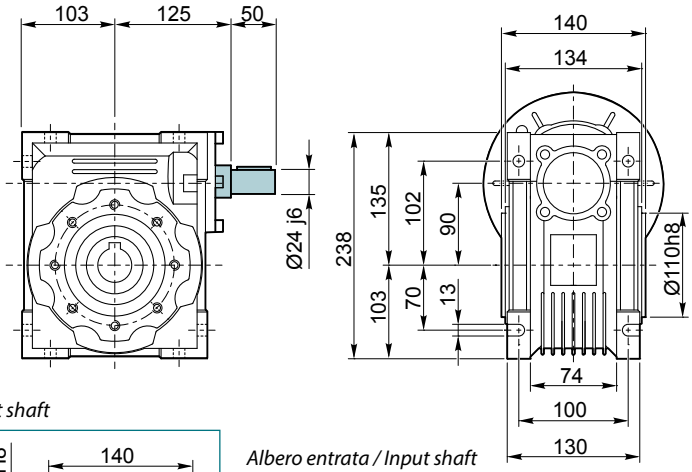
FB SX

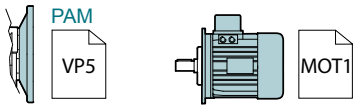


VP 090 P ...

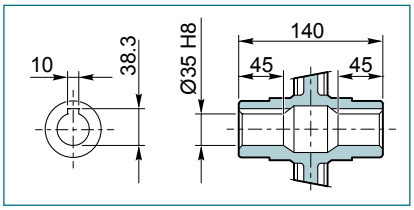


VI 090 P ...

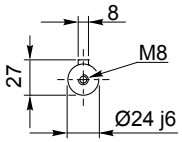


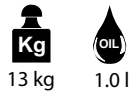


Albero uscita / Output shaft

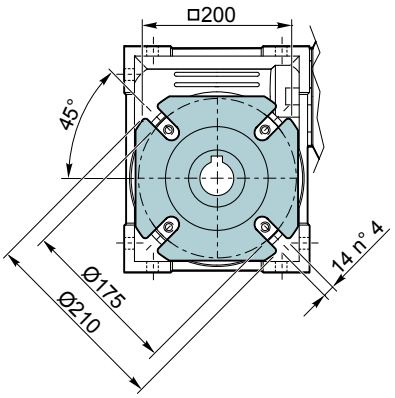


Albero entrata / Input shaft

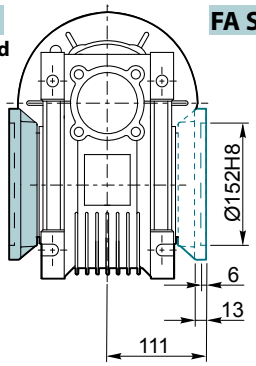




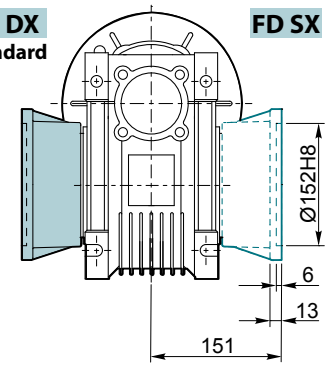
VP 090 F... / VI 090 F...

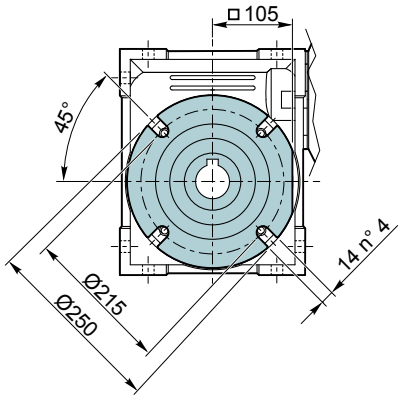


FA DX **Standard** **FA SX**

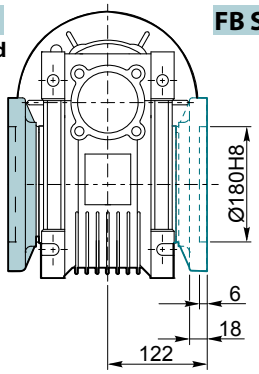


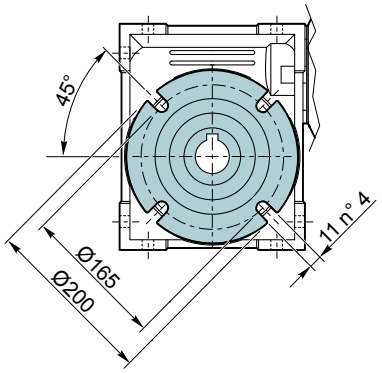
FD DX **Standard** **FD SX**



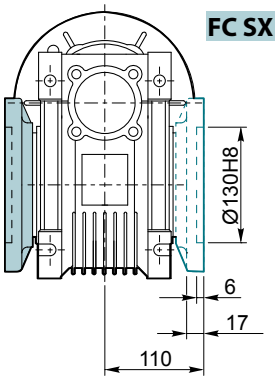


FB DX **Standard** **FB SX**

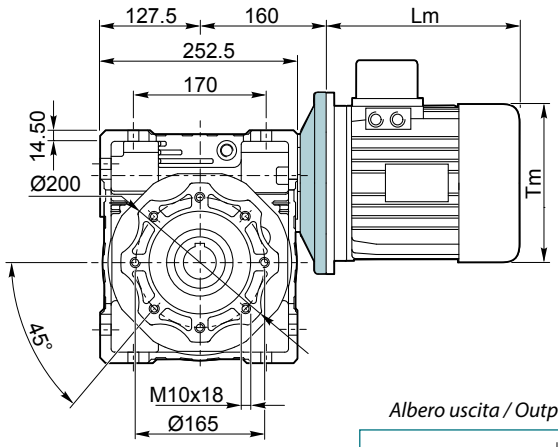




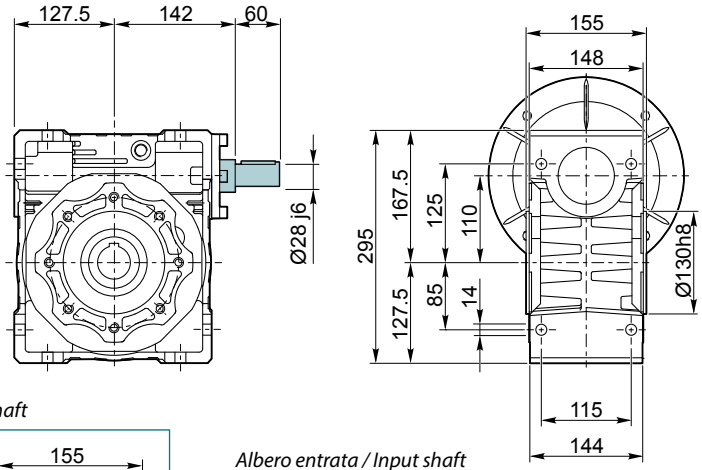
FC DX **Standard** **FC SX**

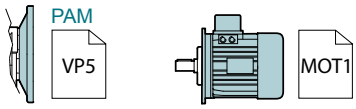


VP 110 P ...

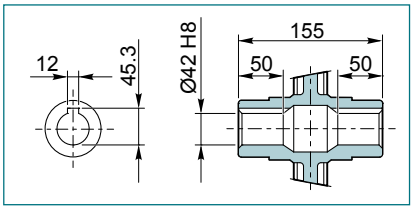


VI 110 P ...

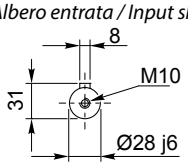


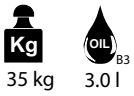


Albero uscita / Output shaft

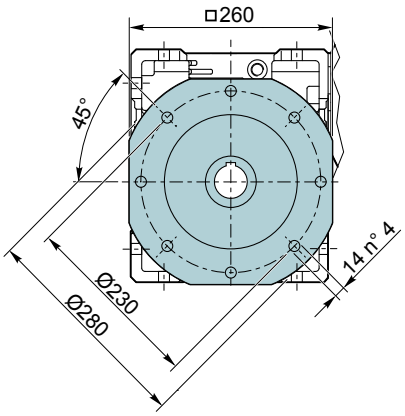


Albero entrata / Input shaft



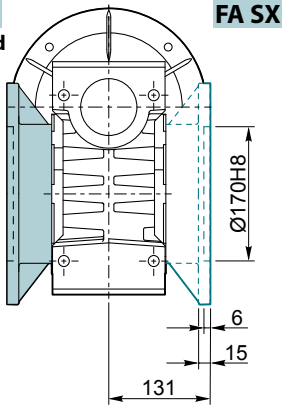


VP 110 F... / VI 110 F...



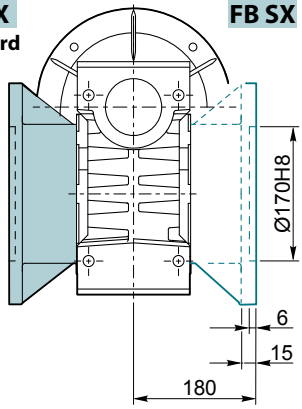
FA DX
Standard

FA SX

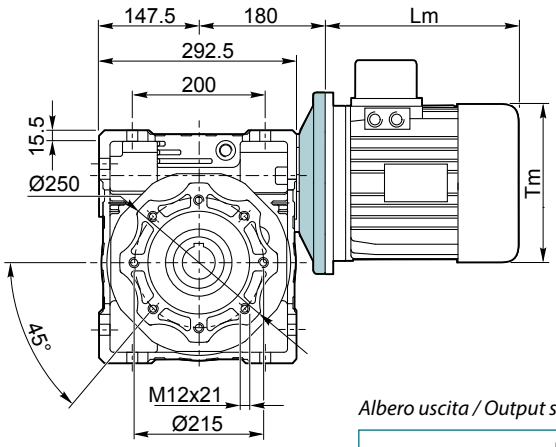


FB DX
Standard

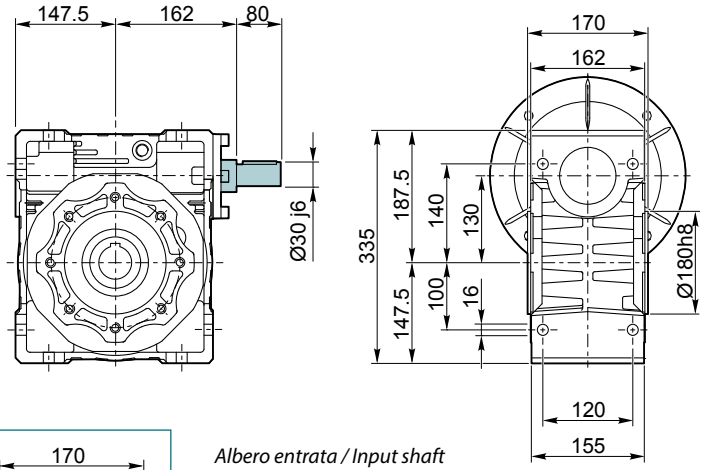
FB SX

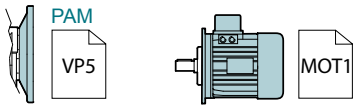


VP 130 P ...

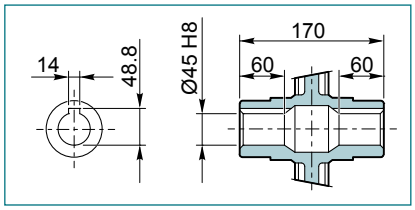


VI 130 P ...

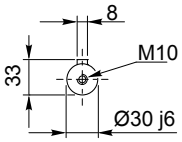




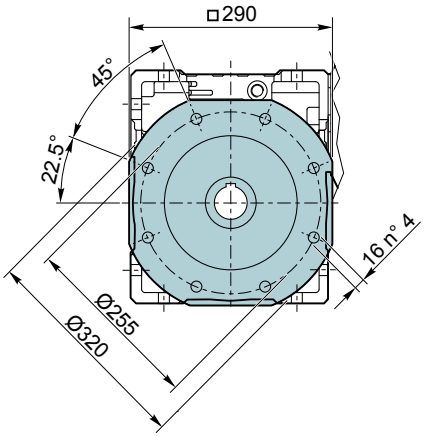
Albero uscita / Output shaft



Albero entrata / Input shaft

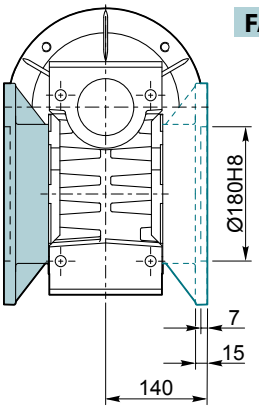


VP 130 F... / VI 130 F...

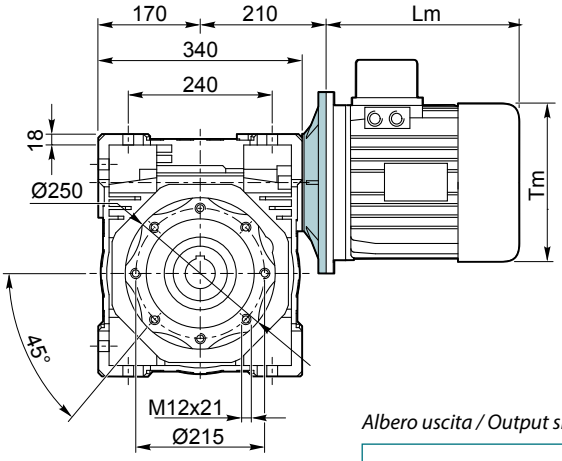


FA DX
Standard

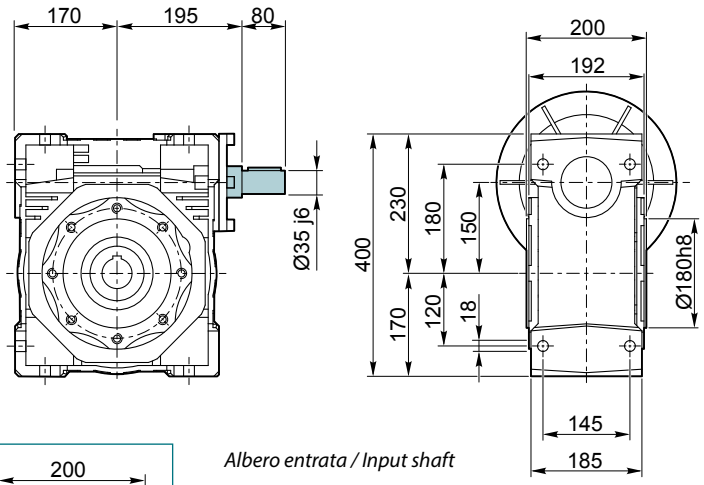
FA SX

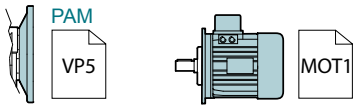


VP 150 P ...

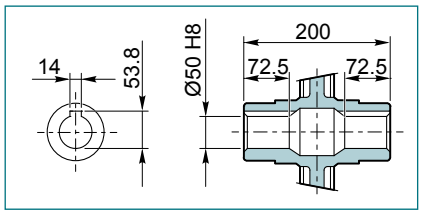


VI 150 P ...

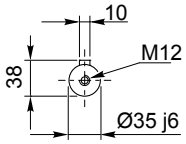


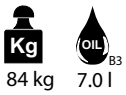


Albero uscita / Output shaft

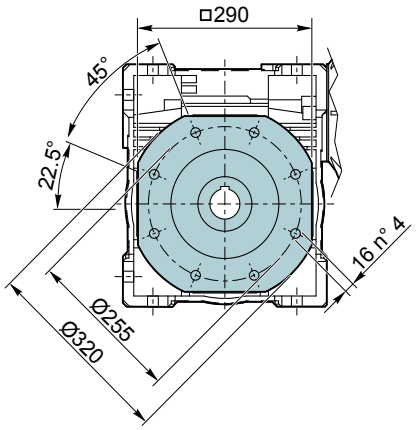


Albero entrata / Input shaft



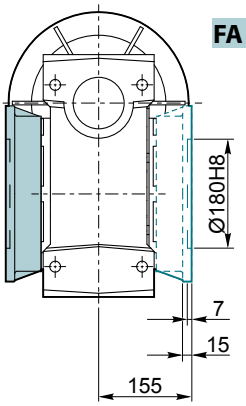


VP 150 F... / VI 150 F...

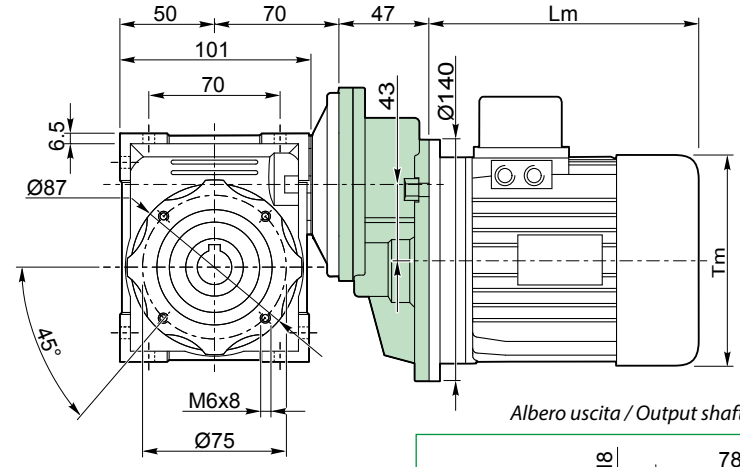


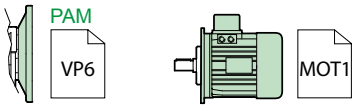
FA DX
Standard

FA SX

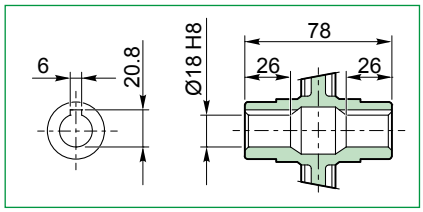


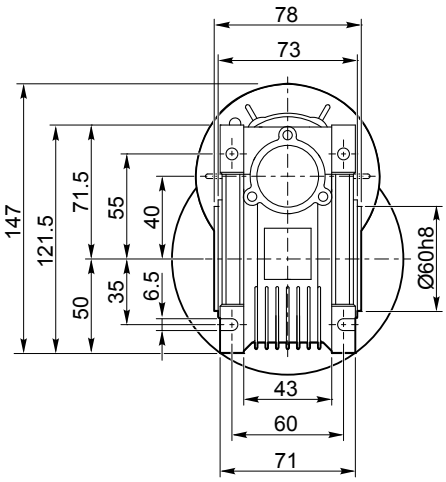
VR 063 / 040 P ...





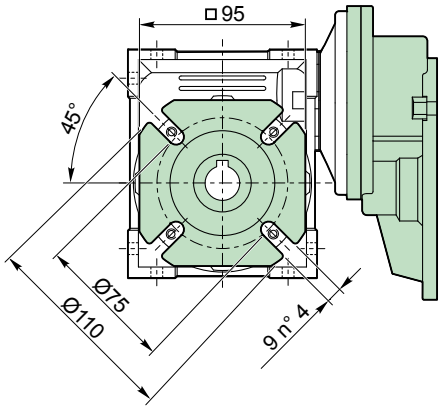
Albero uscita / Output shaft



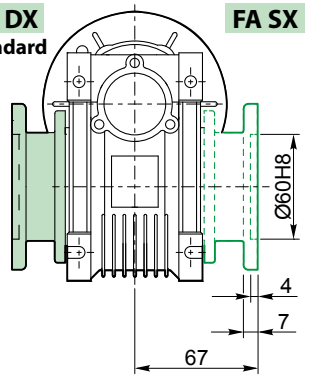


Kg
3.8 kg

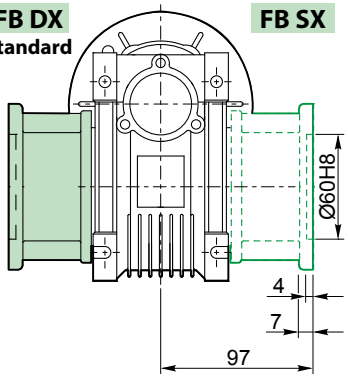
VR 063 / 040 F...

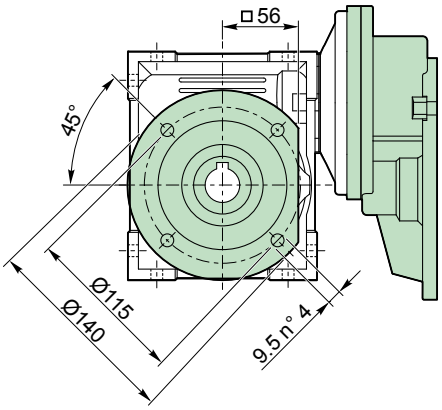


FA DX **Standard** **FA SX**

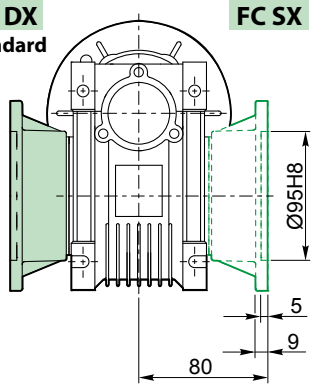


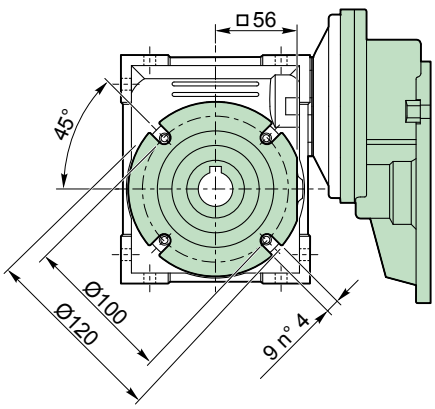
FB DX **Standard** **FB SX**



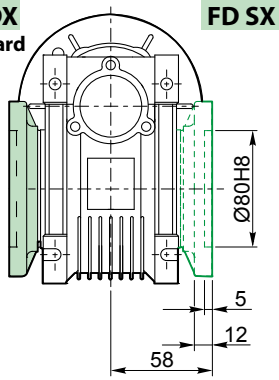


FC DX **Standard** **FC SX**

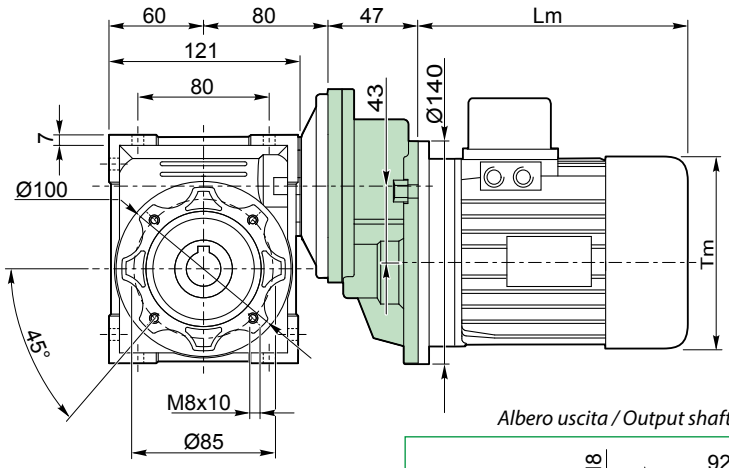


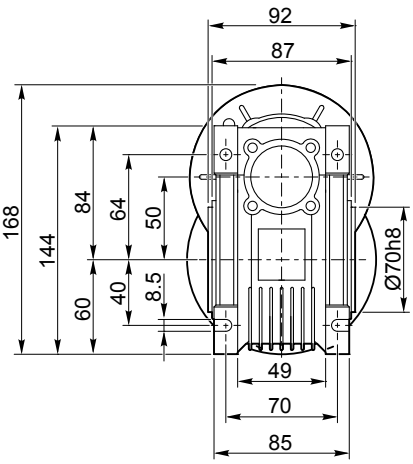


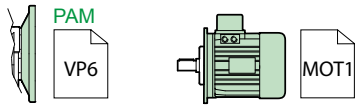
FD DX **Standard** **FD SX**



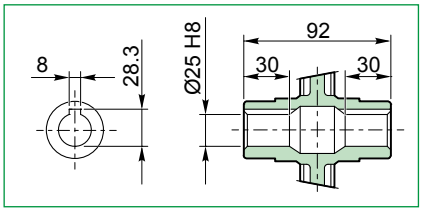
VR 063 / 050 P ...





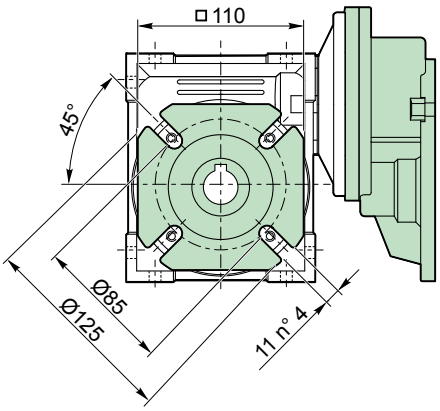


Albero uscita / Output shaft

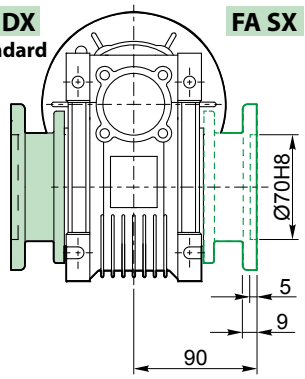


Kg
5 kg

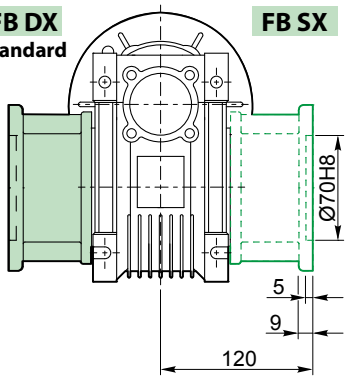
VR 063 / 050 F...

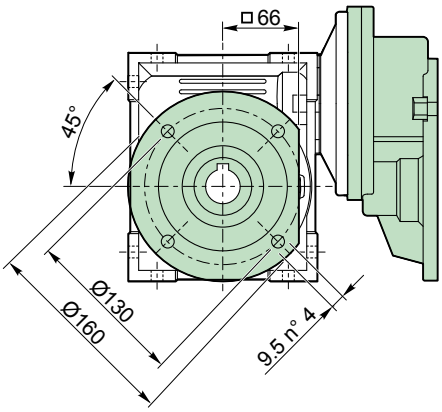


FA DX **Standard** **FA SX**

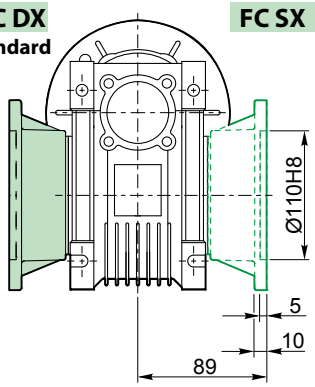


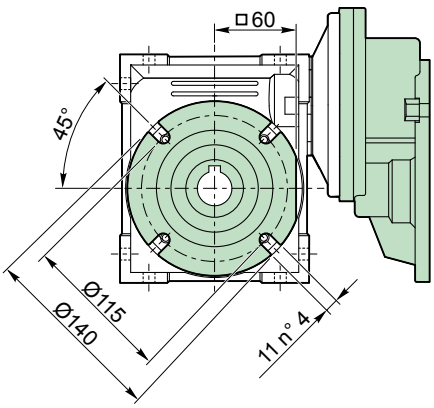
FB DX **Standard** **FB SX**



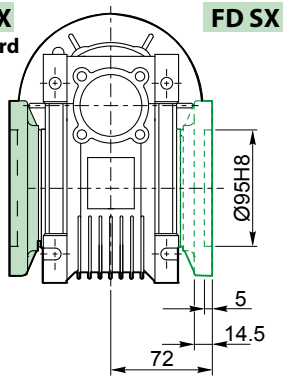


FC DX **Standard** **FC SX**

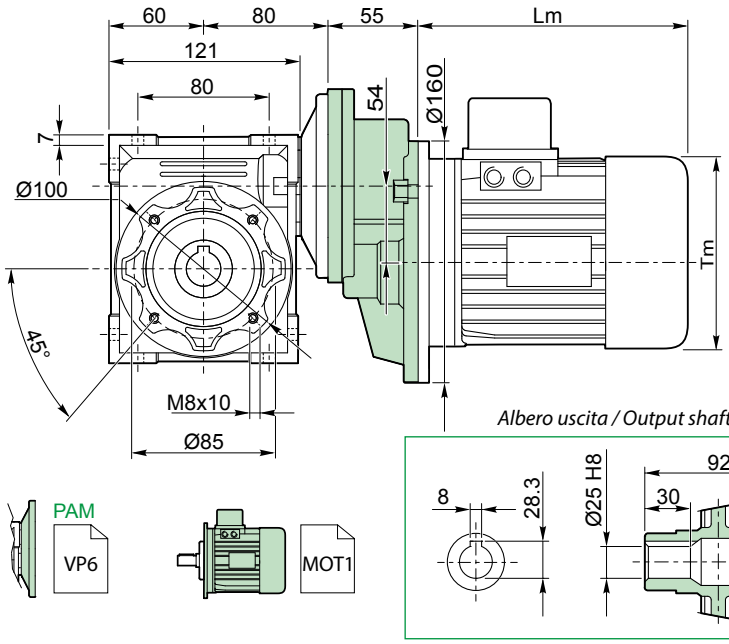


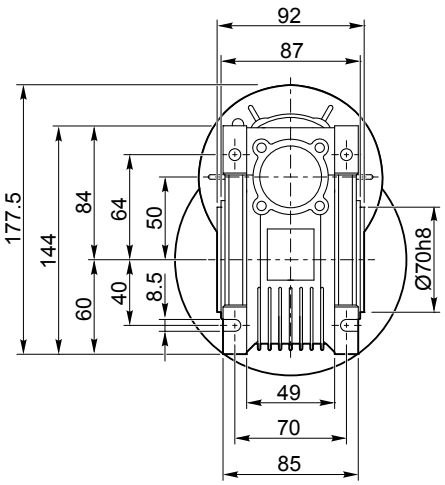


FD DX **Standard** **FD SX**

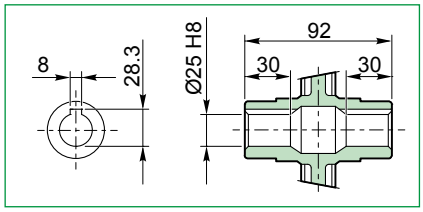


VR 071 / 050 P ...



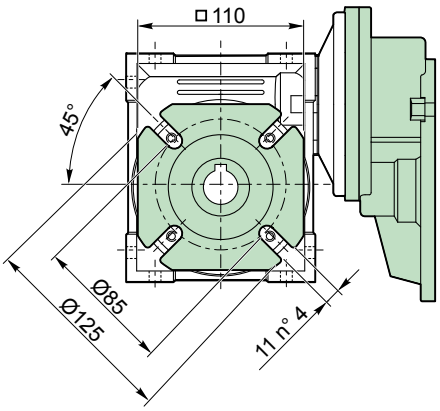


Albero uscita / Output shaft

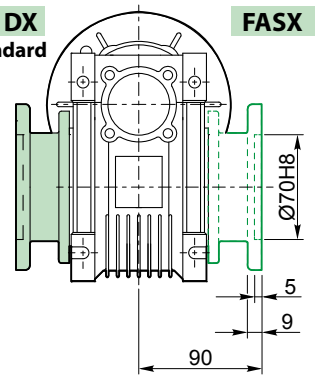


Kg
6.1 kg

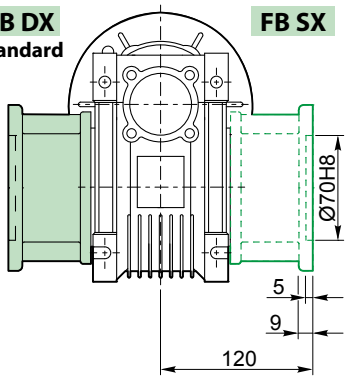
VR 071 / 050 F...

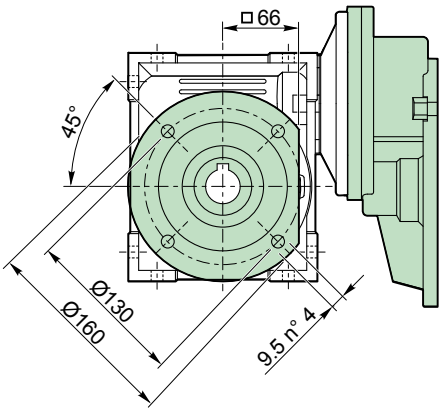


FA DX **Standard** **FASX**

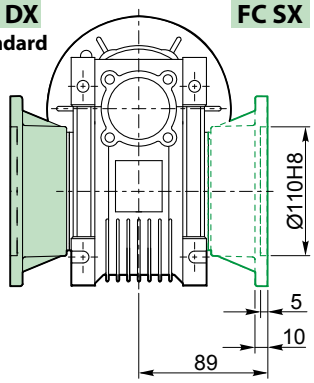


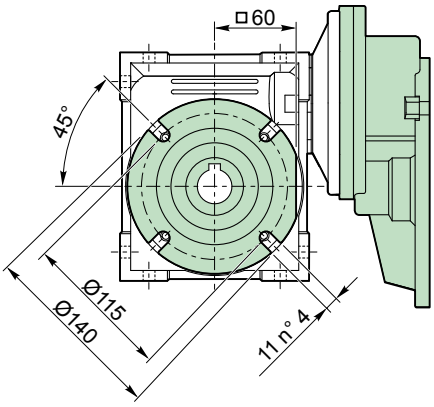
FB DX **Standard** **FB SX**



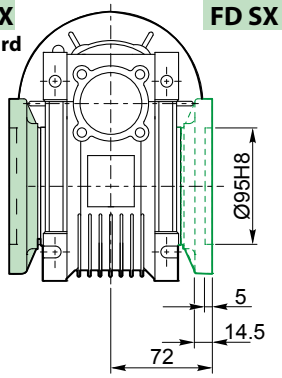


FC DX **Standard** **FC SX**

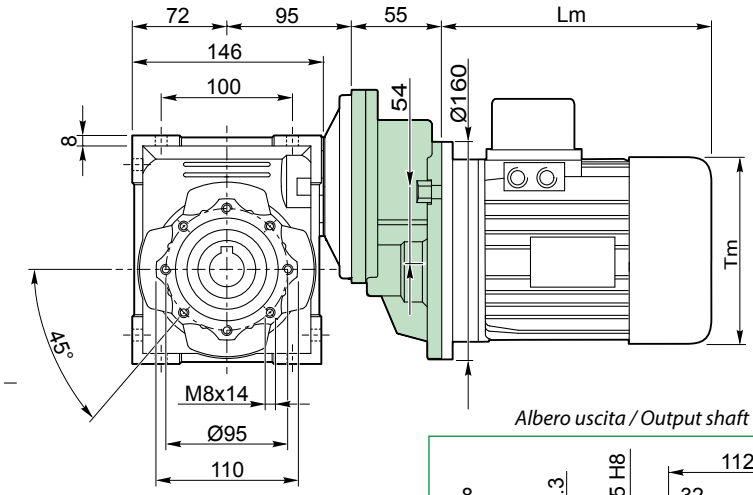


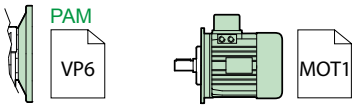


FD DX **Standard** **FD SX**

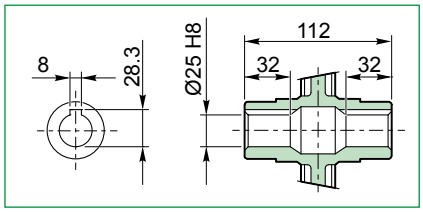


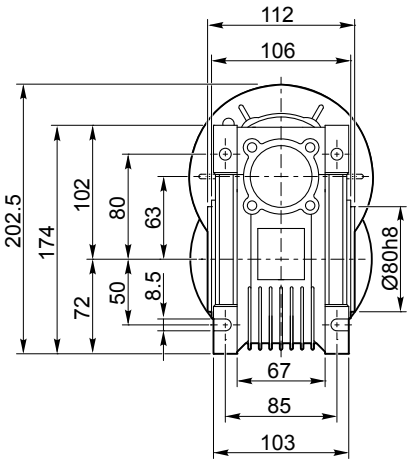
VR 071 / 063 P ...





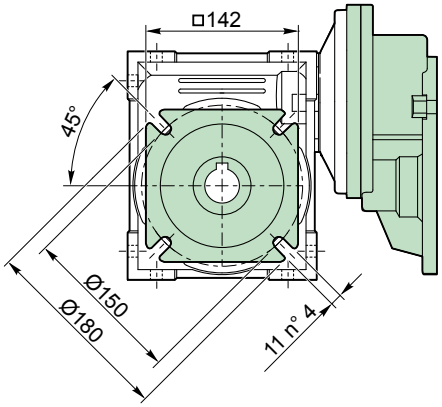
Albero uscita / Output shaft



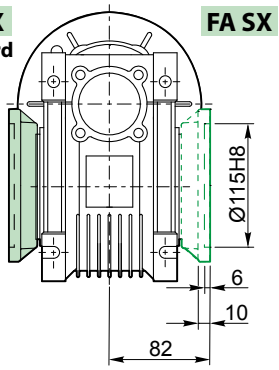


Kg
8.8 kg

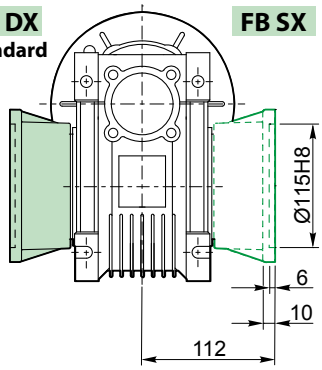
VR 071 / 063 F...

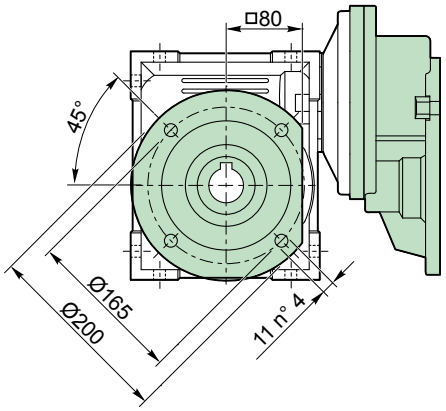


FA DX **Standard** **FA SX**

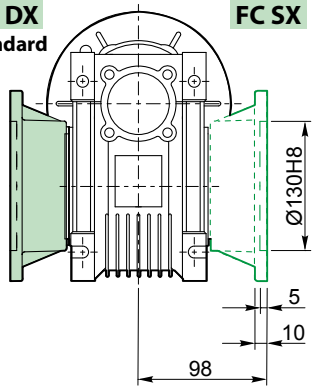


FB DX **Standard** **FB SX**

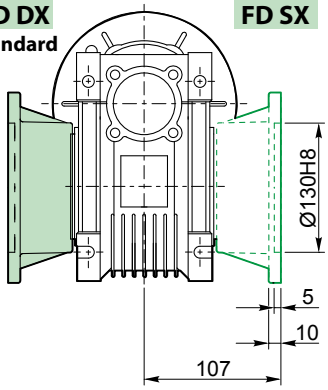


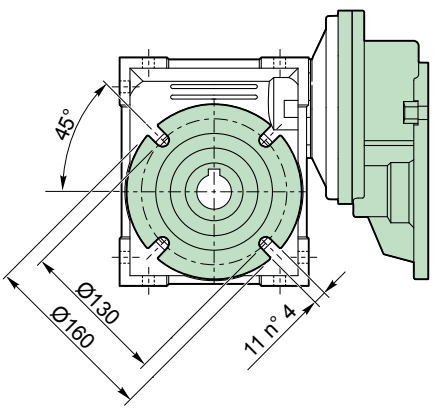


FC DX **Standard** **FC SX**

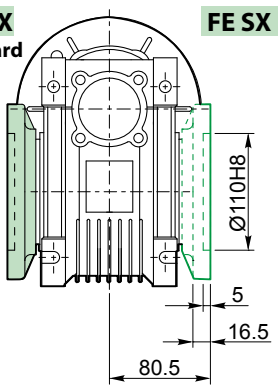


FD DX **Standard** **FD SX**

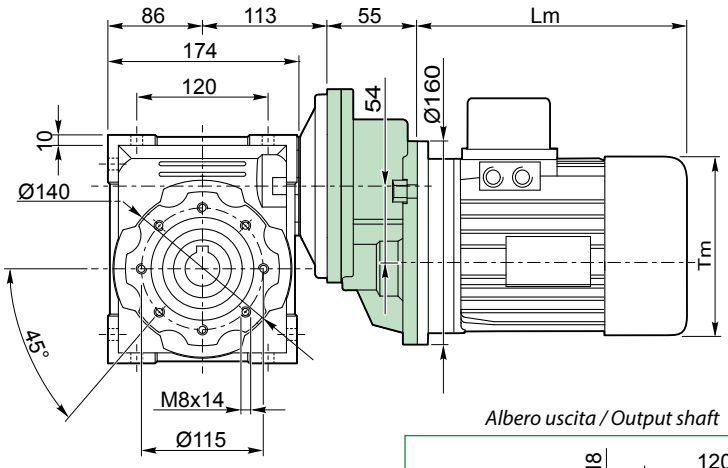


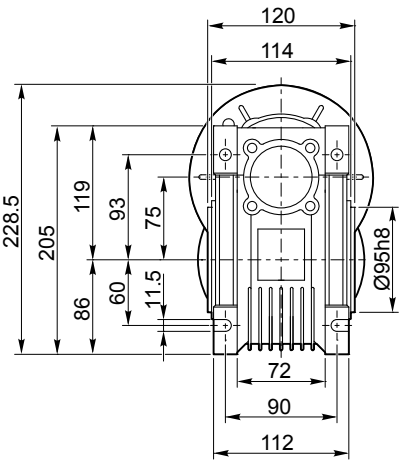


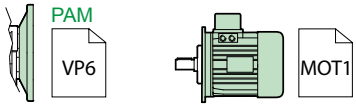
FE DX **Standard** **FE SX**



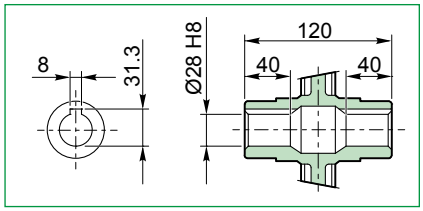
VR 071/ 075 P ...





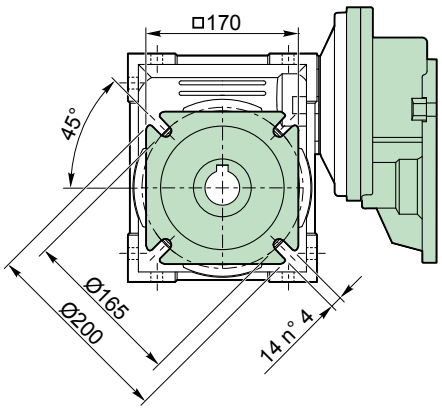


Albero uscita / Output shaft



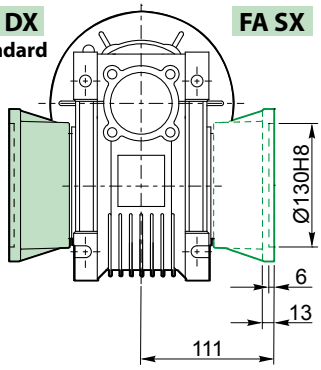
Kg
11.6 kg

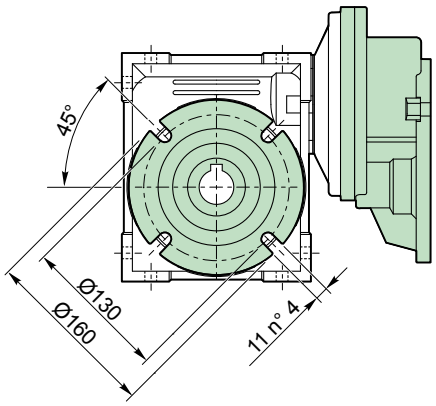
VR 071 / 075 F...



FA DX
Standard

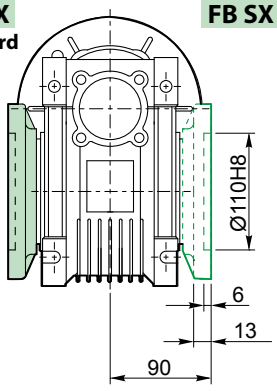
FA SX



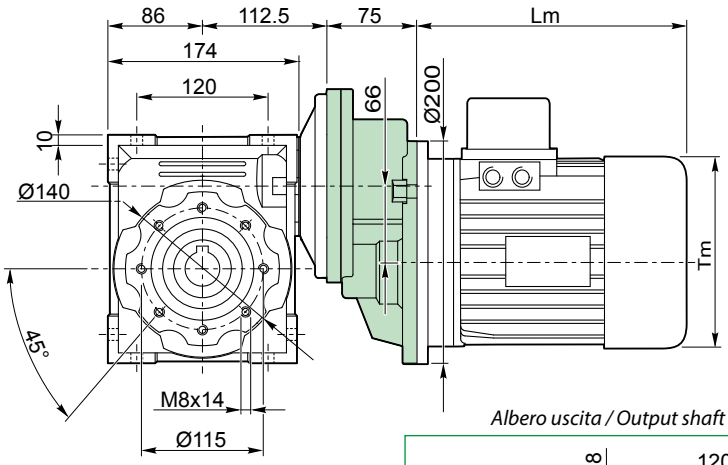


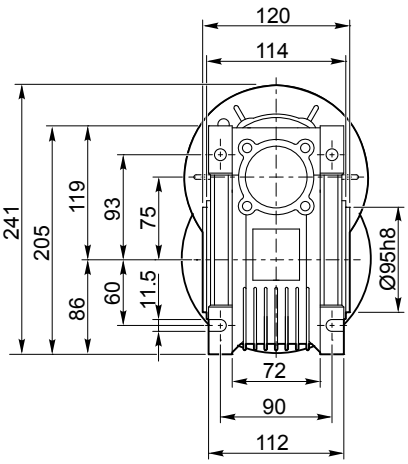
FB DX
Standard

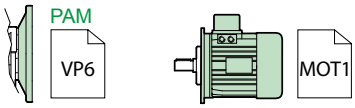
FB SX



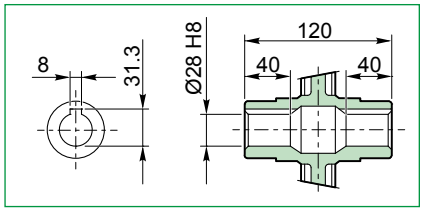
VR 080 / 075 P ...





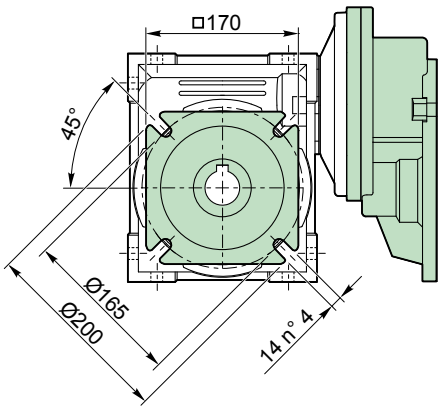


Albero uscita / Output shaft



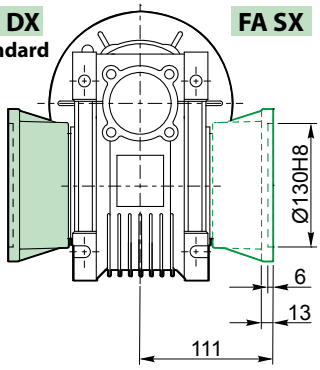
Kg
13.7 kg

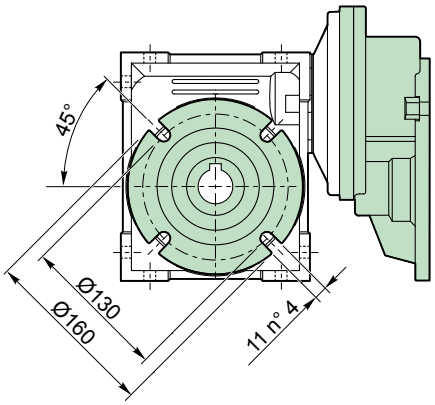
VR 080 / 075 F...



FA DX
Standard

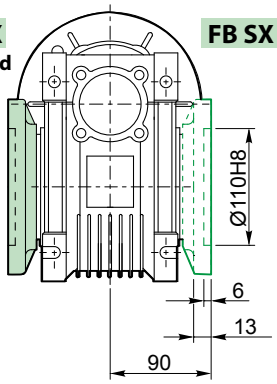
FA SX



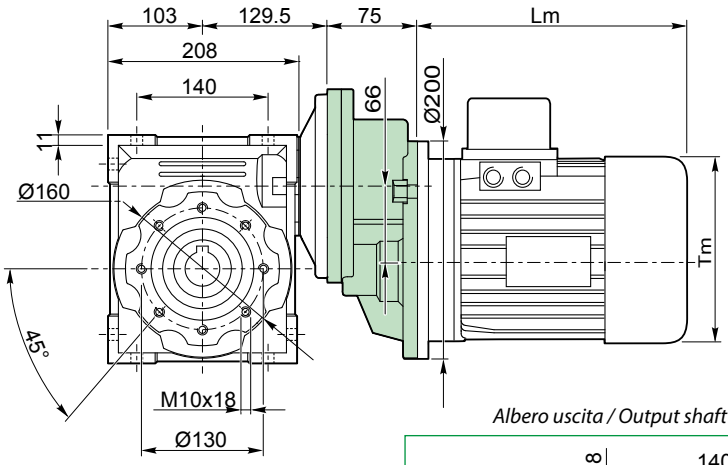


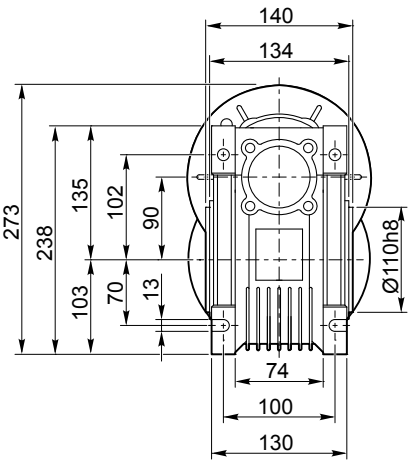
FB DX
Standard

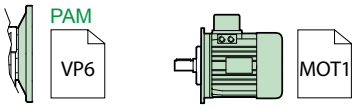
FB SX



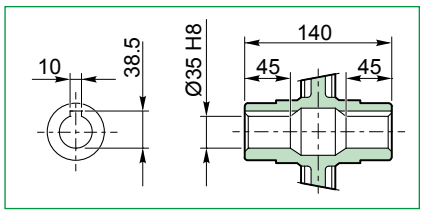
VR 080 / 090 P ...





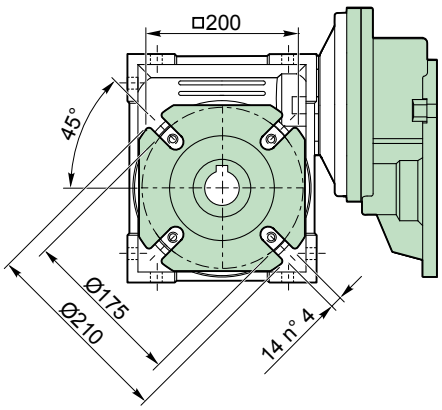


Albero uscita / Output shaft

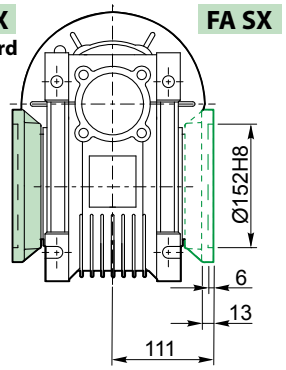


Kg
17.7 kg

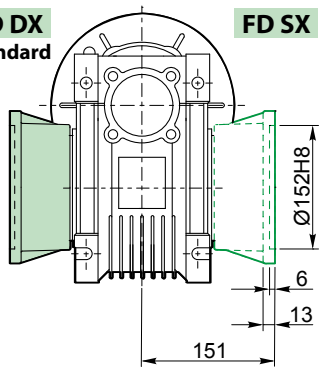
VR 080 / 090 F...

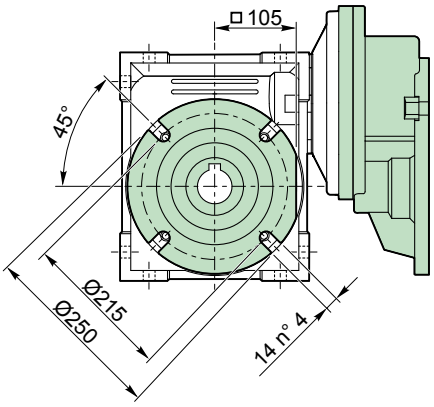


FA DX **Standard** **FA SX**

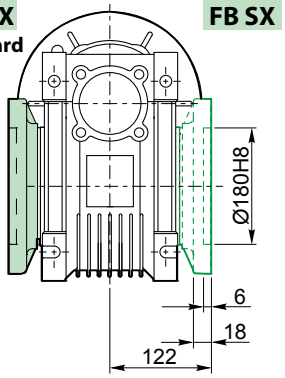


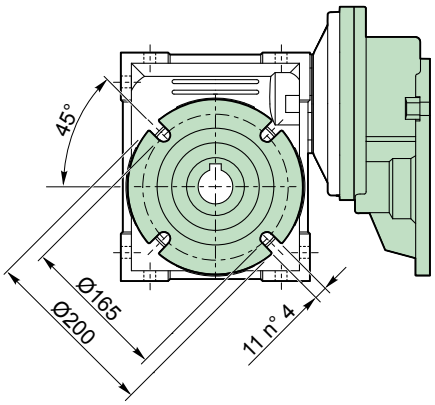
FD DX **Standard** **FD SX**



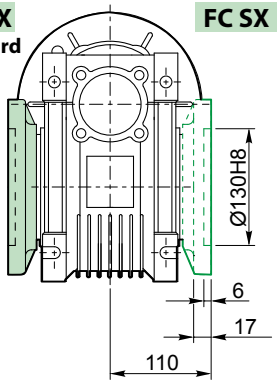


FB DX **Standard** **FB SX**

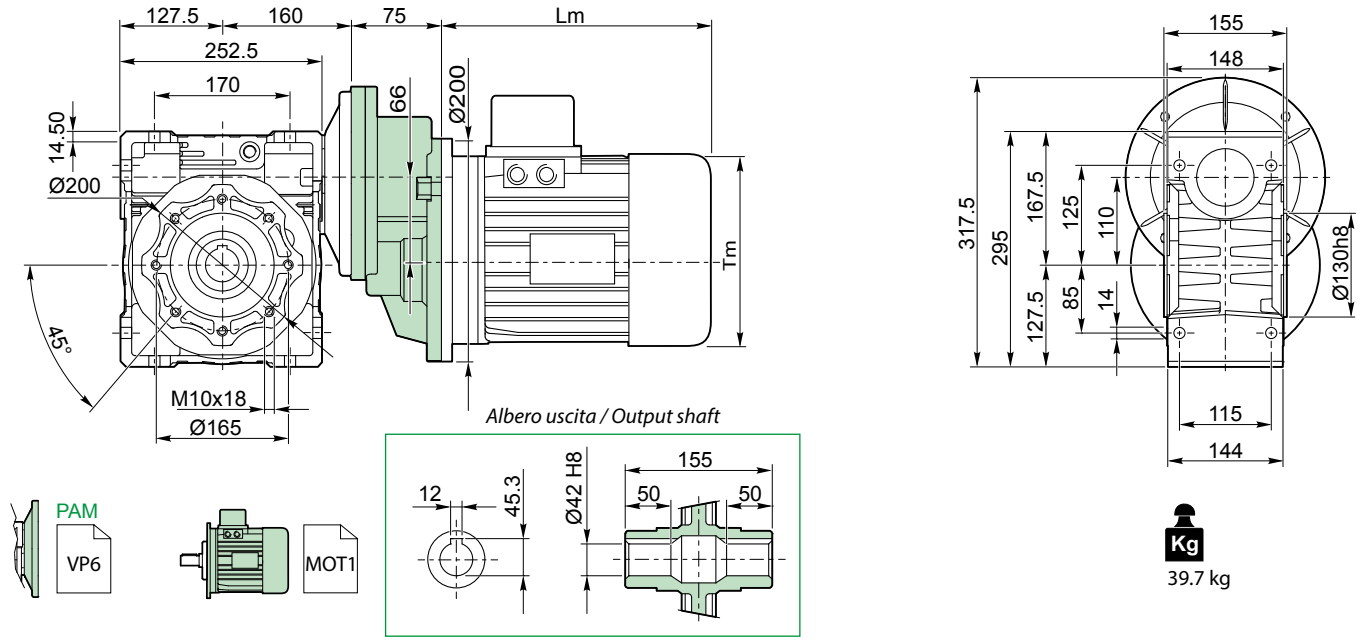




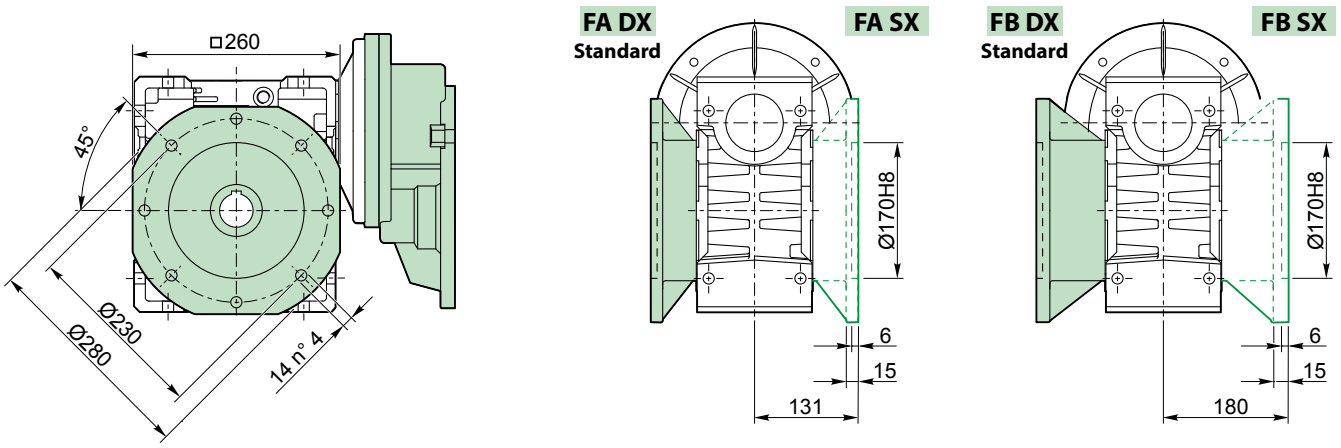
FC DX **Standard** **FC SX**



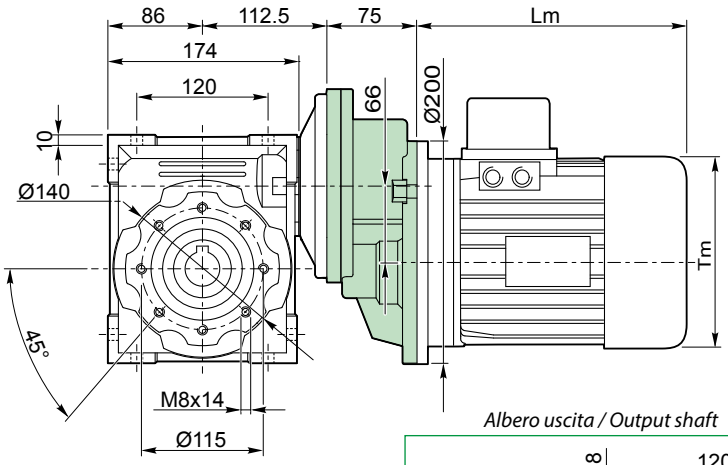
VR 080 / 110 P ...

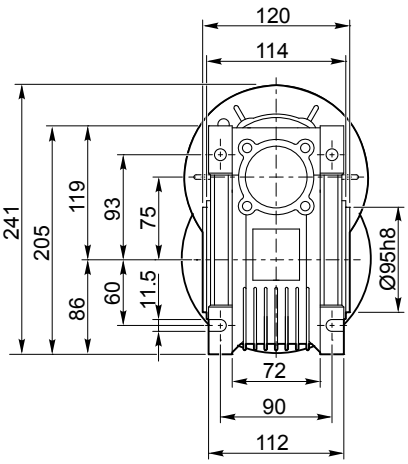


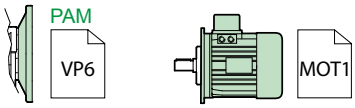
VR 080 / 110 F...



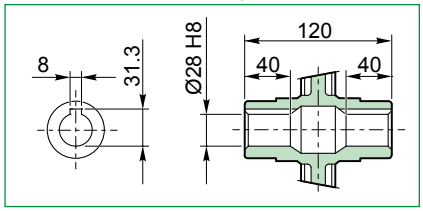
VR 090 / 075 P ...





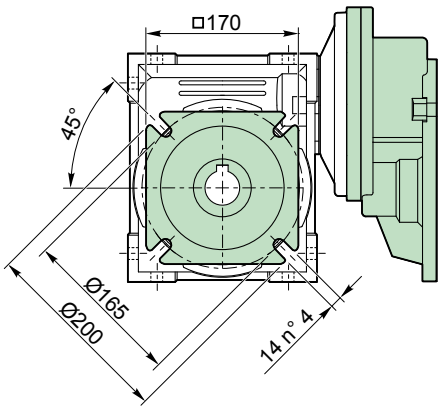


Albero uscita / Output shaft



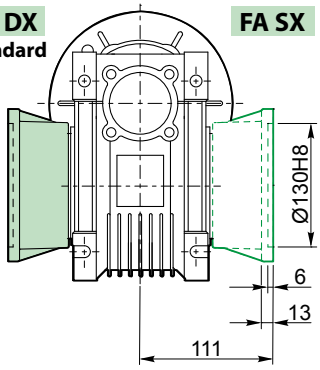
Kg
13.7 kg

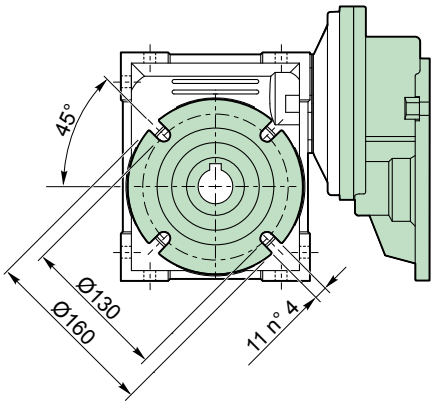
VR 090 / 075 F...



FA DX
Standard

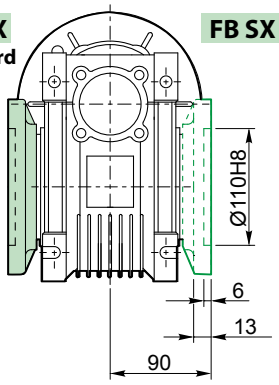
FA SX



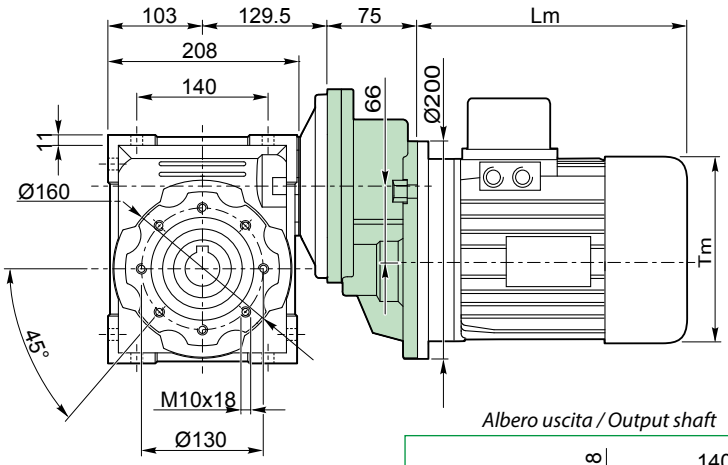


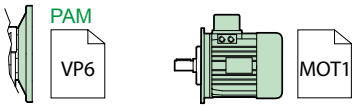
FB DX
Standard

FB SX

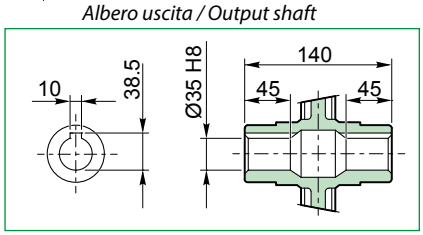


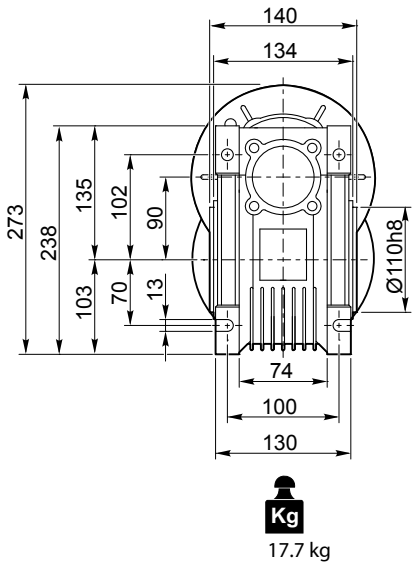
VR 090 / 090 P ...



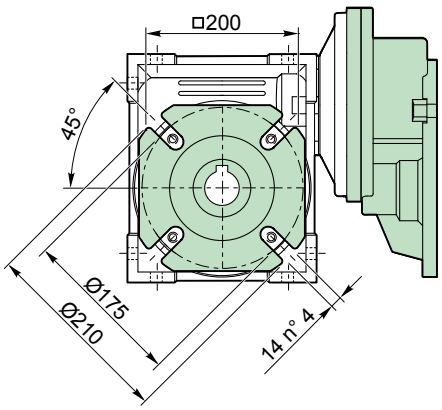


Albero uscita / Output shaft

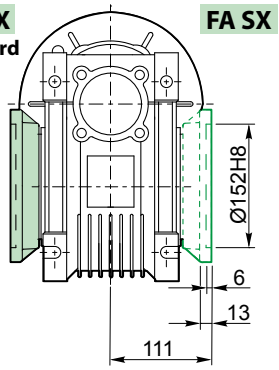




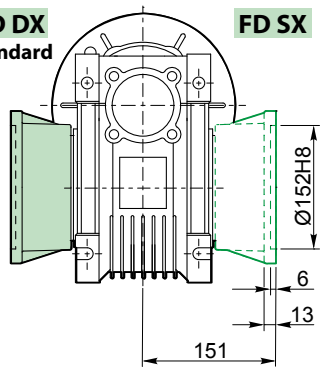
VR 090 / 090 F...

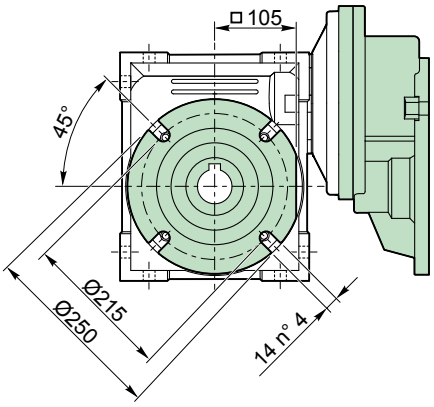


FA DX **Standard** **FA SX**

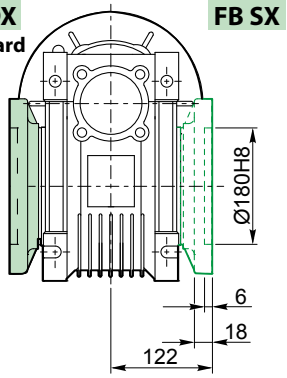


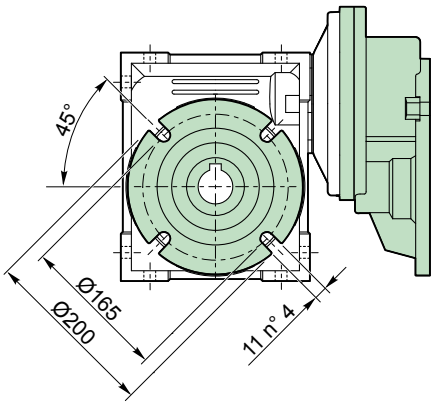
FD DX **Standard** **FD SX**



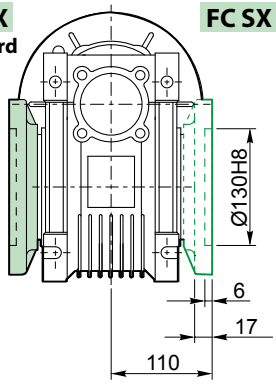


FB DX **Standard** **FB SX**

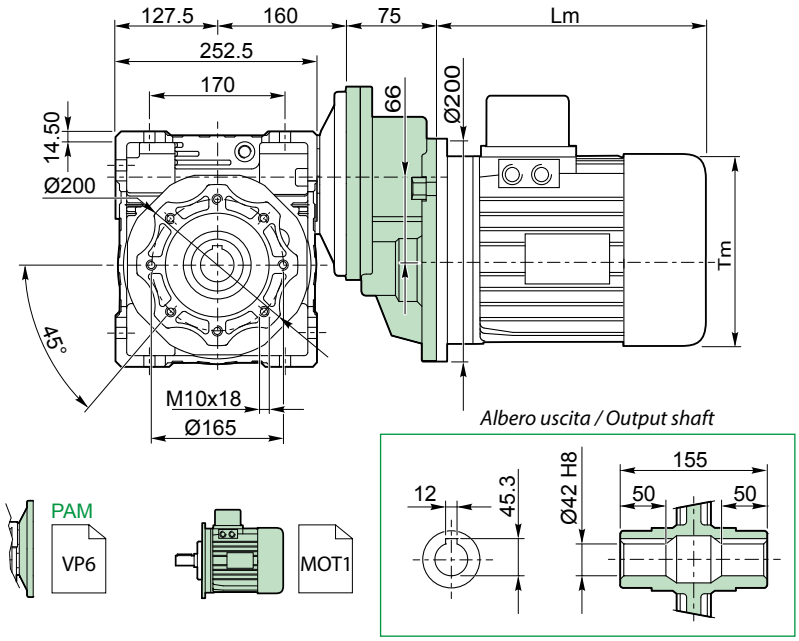


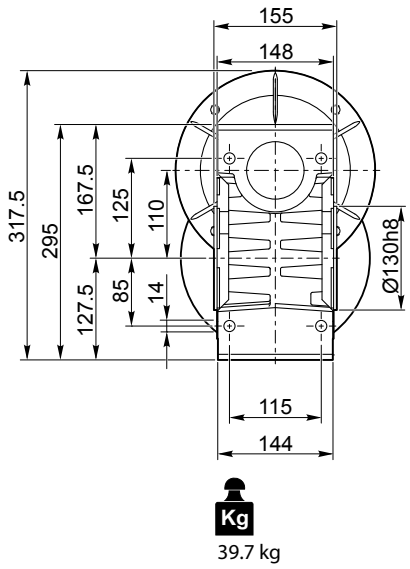


FC DX **Standard** **FC SX**

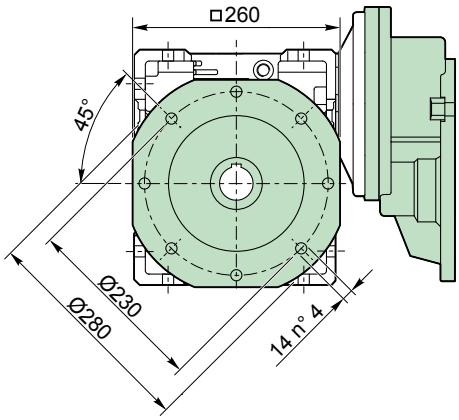


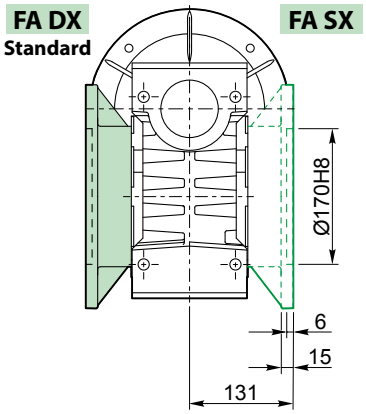
VR 090 / 110 P ...

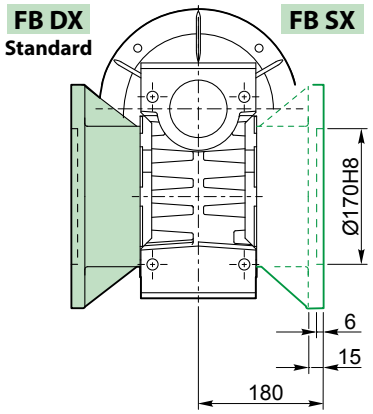




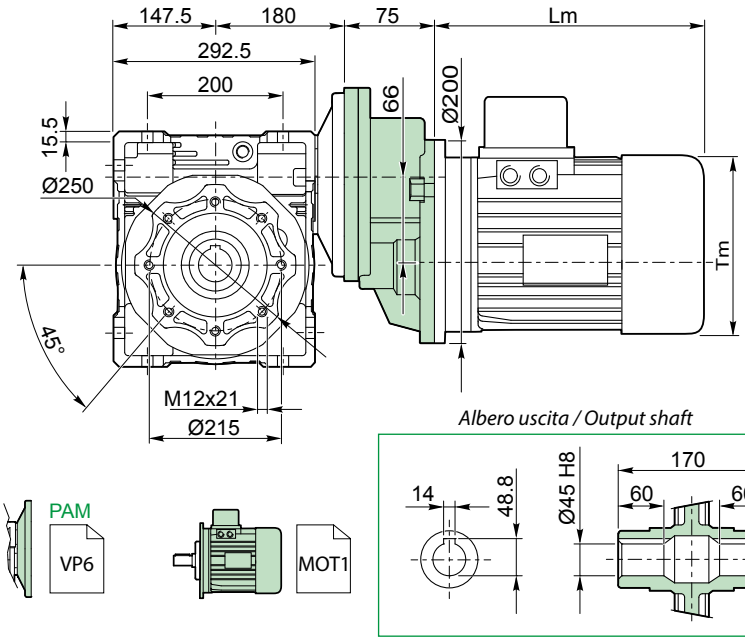
VR 090 / 110 F...

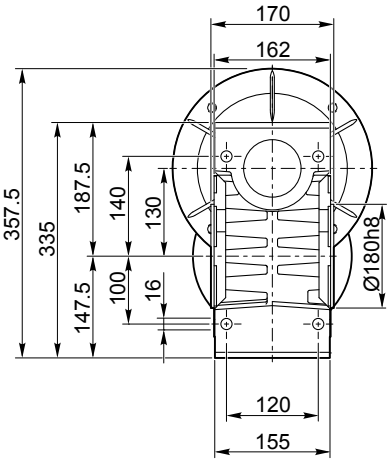






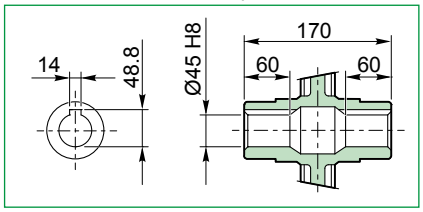
VR 090 / 130 P ...



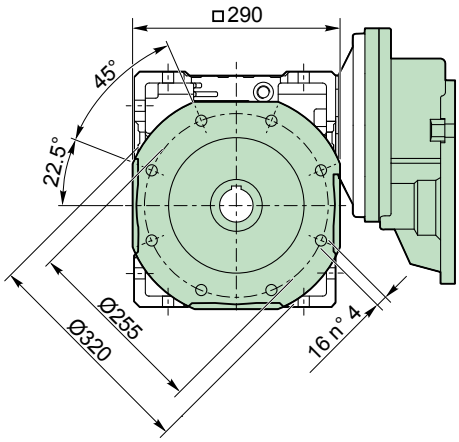


Kg
52.7 kg

Albero uscita / Output shaft

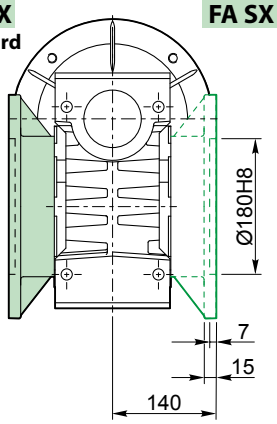


VR 090 / 130 F...

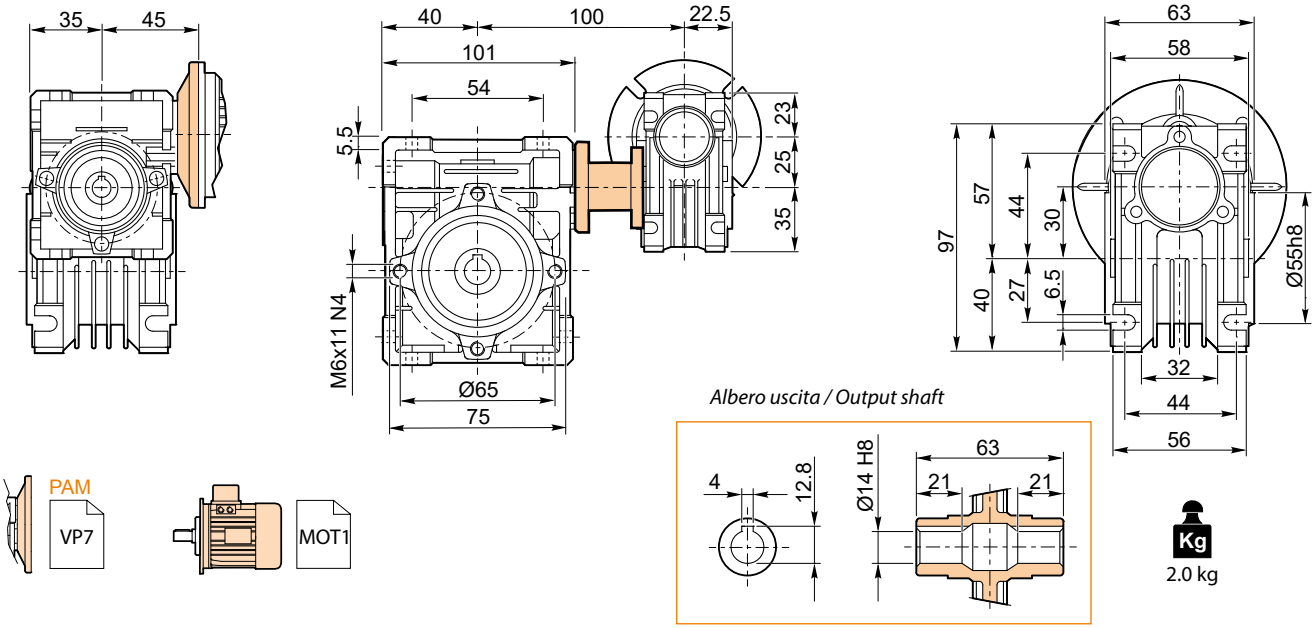


FA DX
Standard

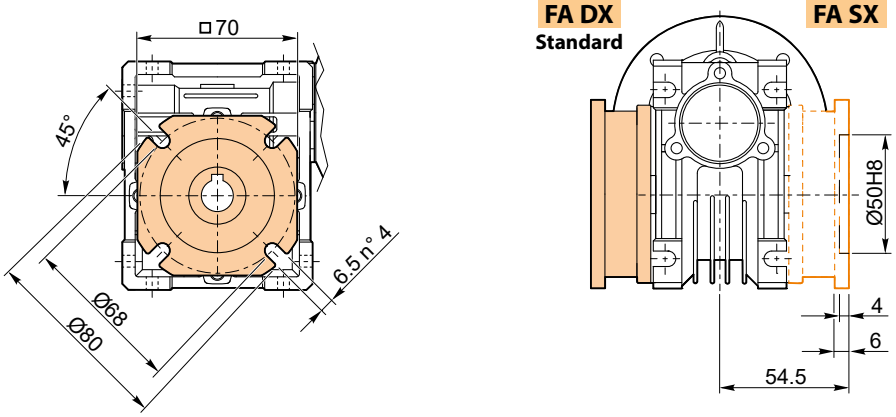
FA SX



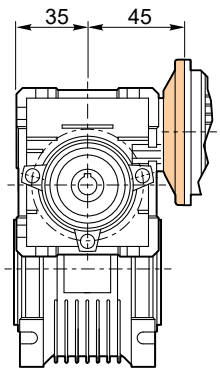
VC 025 / 030 P ...

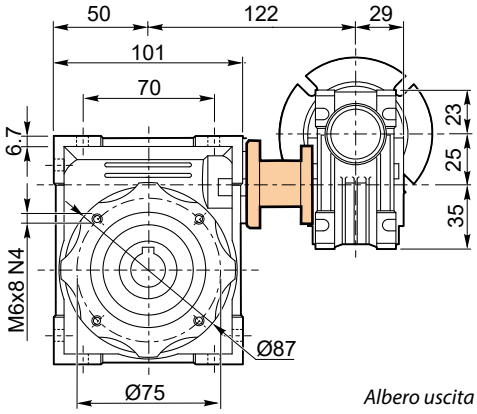


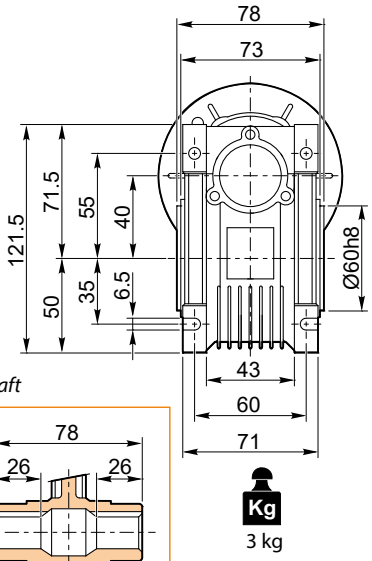
VC 025 / 030 F...

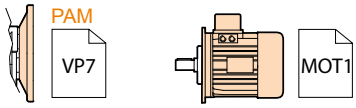


VC 025 / 040 P ...

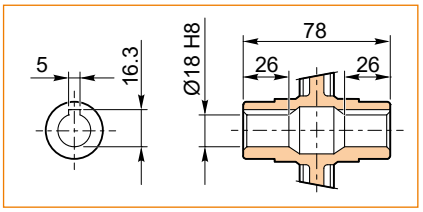




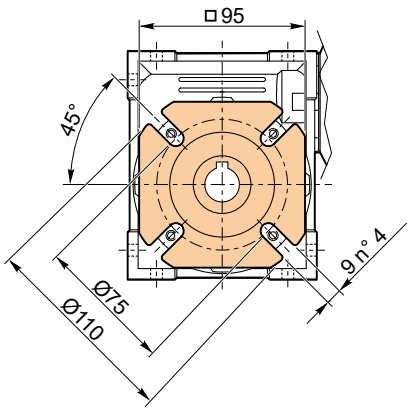




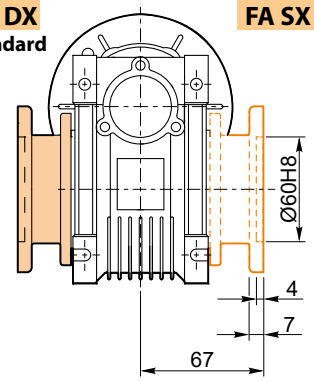
Albero uscita / Output shaft



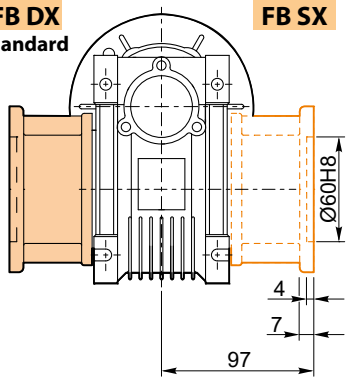
VC 025 / 040 F...

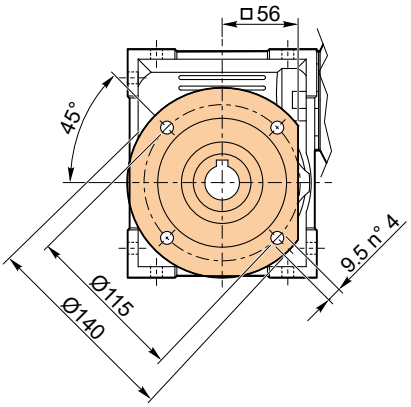


FA DX **Standard** **FA SX**

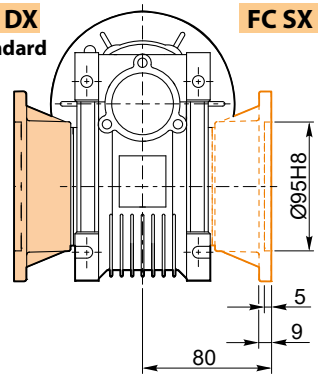


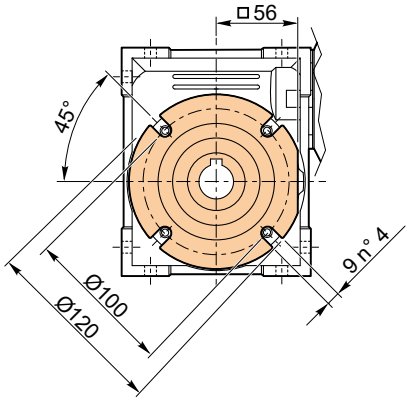
FB DX **Standard** **FB SX**



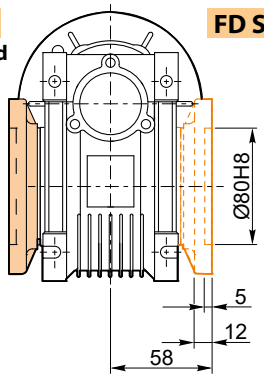


FC DX **Standard** **FC SX**

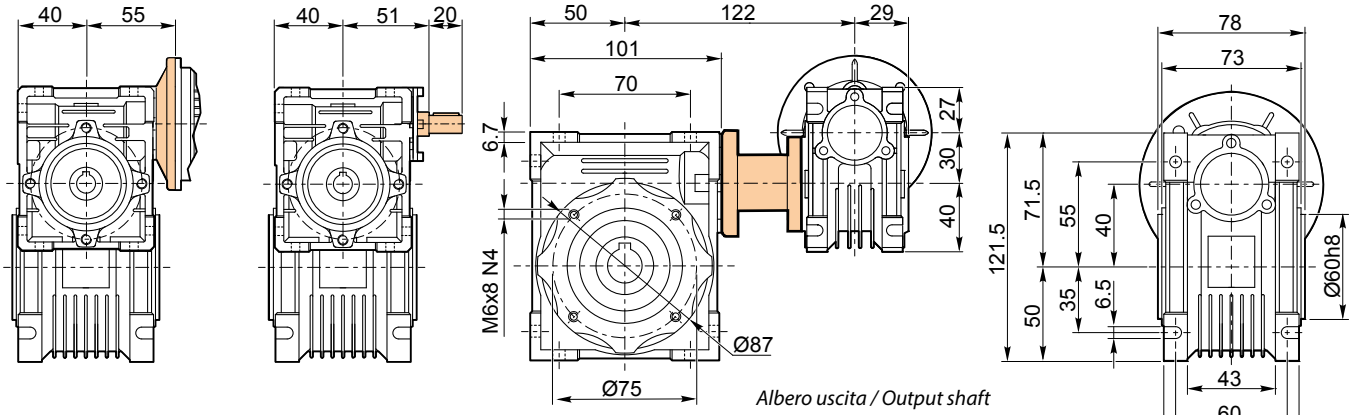




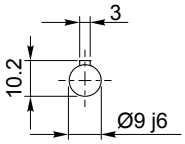
FD DX **Standard** **FD SX**



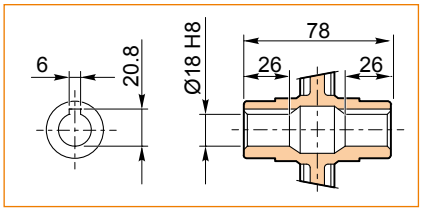
VC 030/ 040 P ... **VS 030/ 040 P ...**

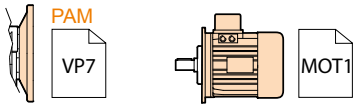


Albero entrata / Input shaft



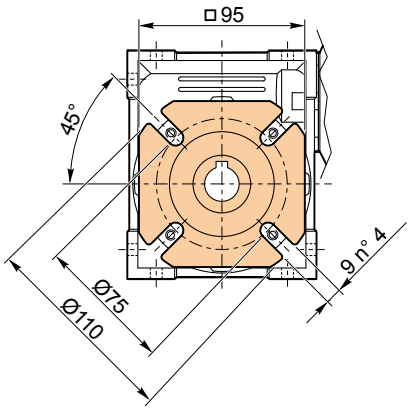
Albero uscita / Output shaft



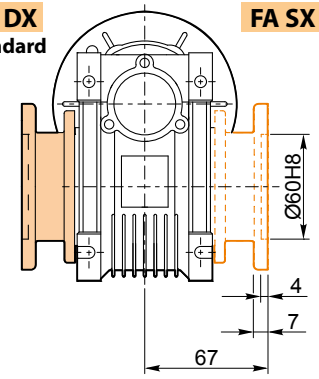


3.6 kg

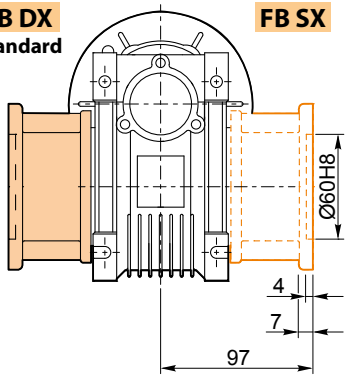
VC 030 / 040 F... **VS 030 / 040 F...**

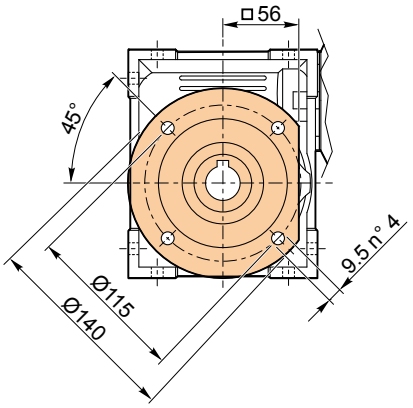


FA DX **Standard** **FA SX**

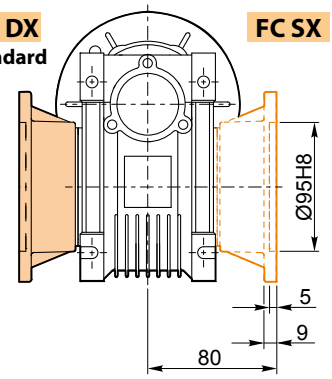


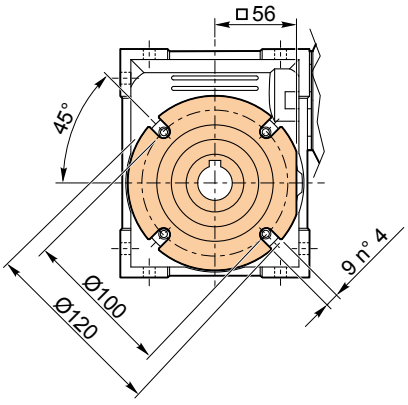
FB DX **Standard** **FB SX**



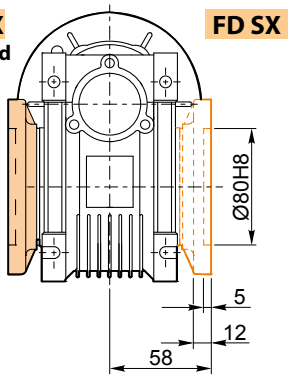


FC DX **Standard** **FC SX**

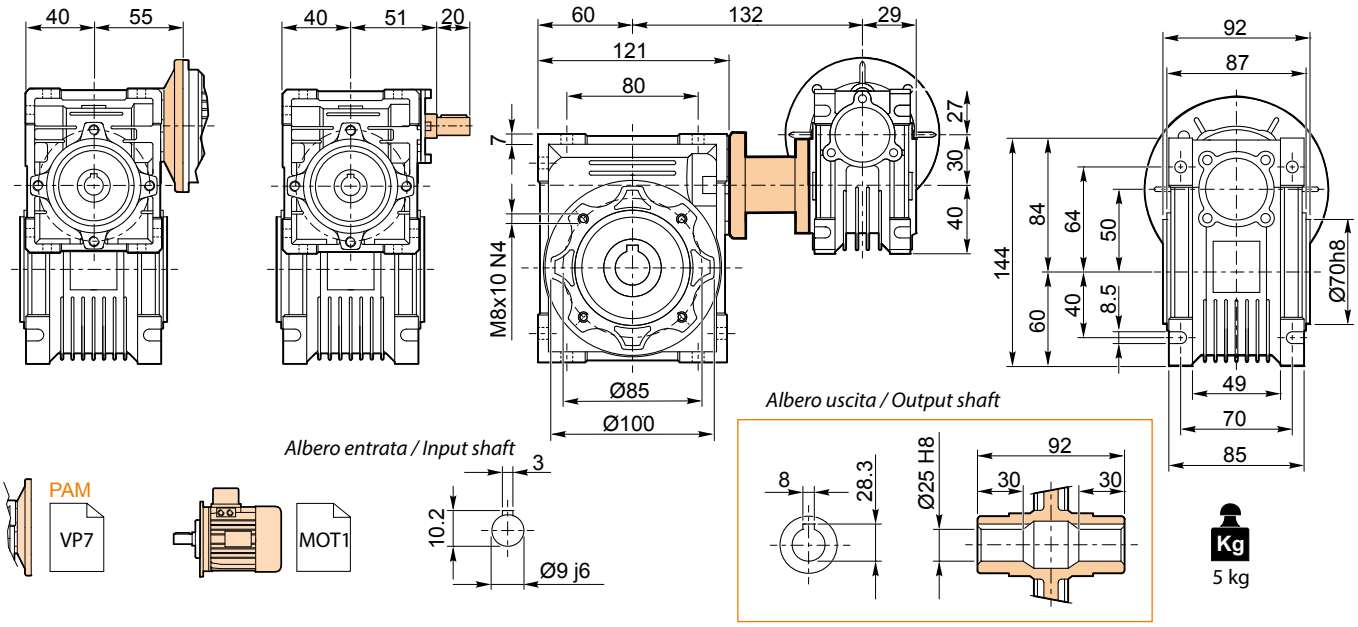




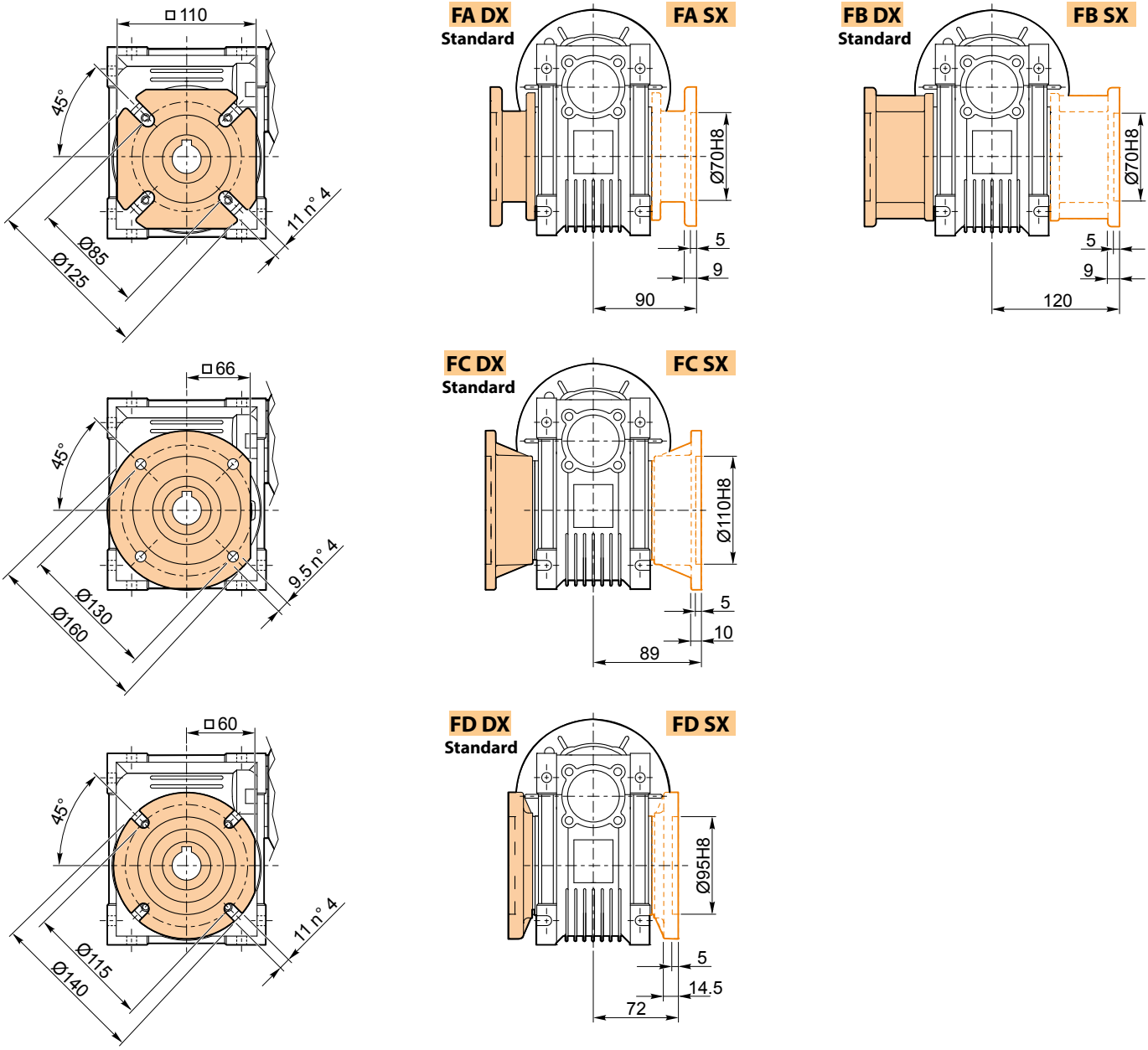
FD DX **Standard** **FD SX**



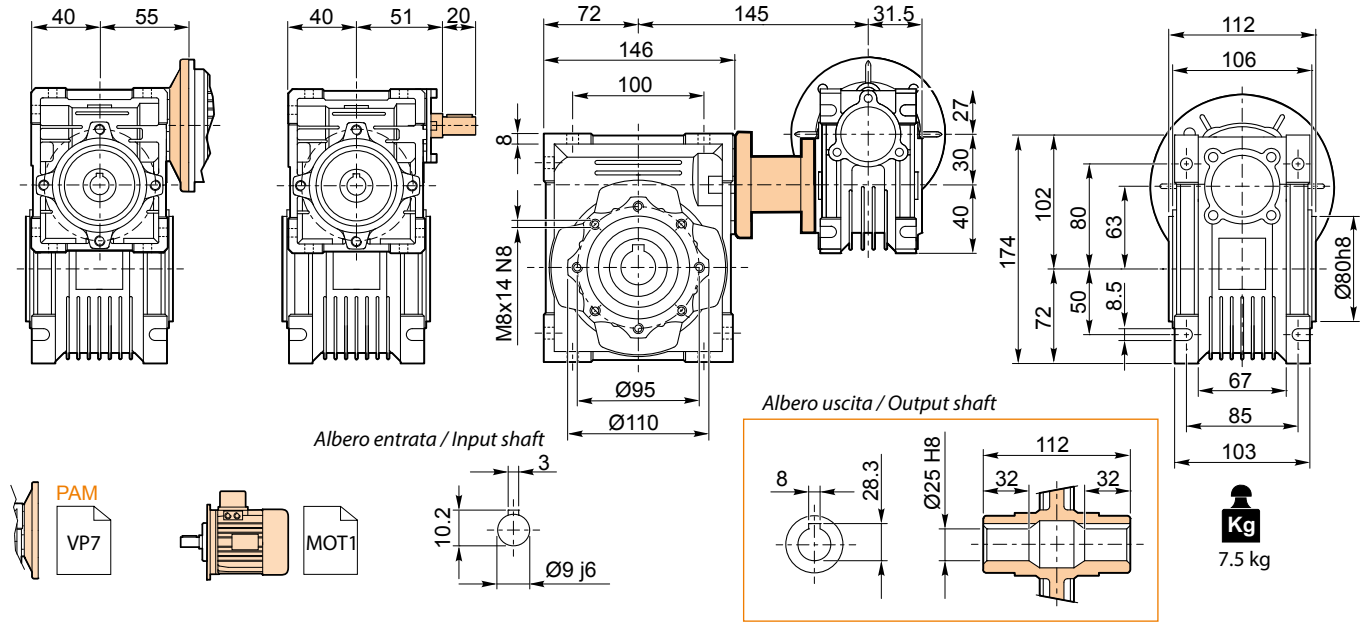
VC 030/ 050 P ... **VS 030/ 050 P ...**



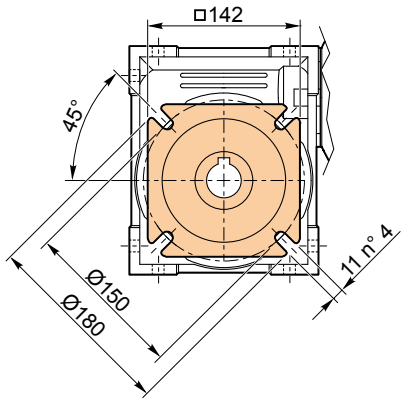
VC 030 / 050 F... **VS 030 / 050 F...**



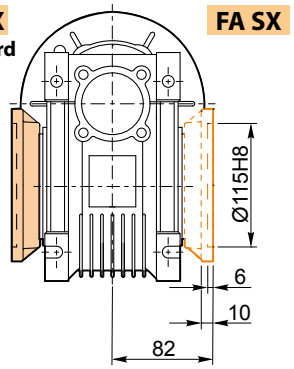
VC 030/ 063 P ... **VS 030/ 063 P ...**



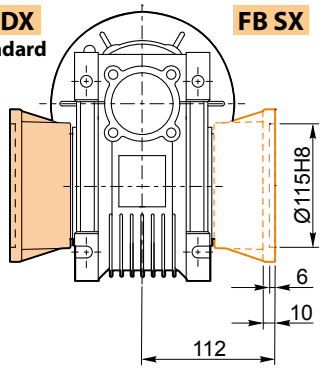
VC 030 / 063 F... **VS 030 / 063 F...**

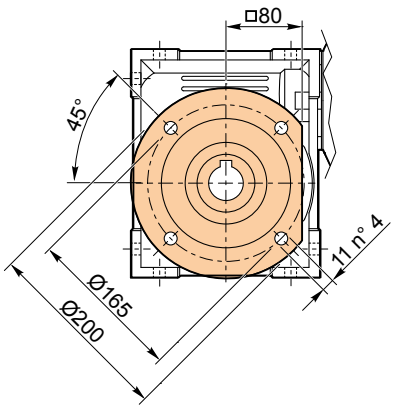


FA DX **Standard** **FA SX**

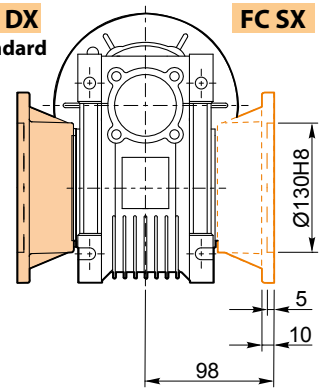


FB DX **Standard** **FB SX**

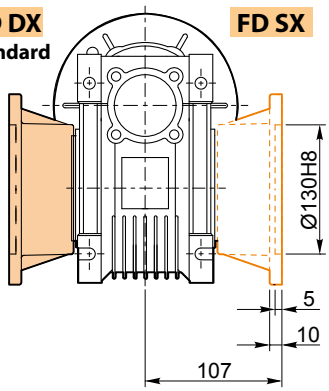


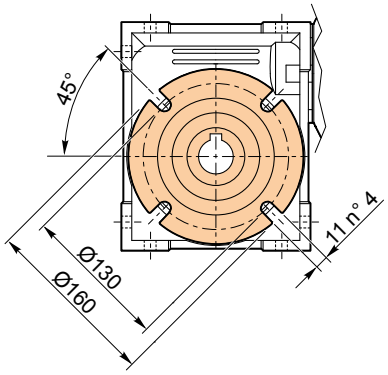


FC DX **Standard** **FC SX**

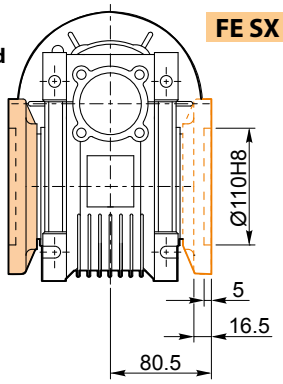


FD DX **Standard** **FD SX**

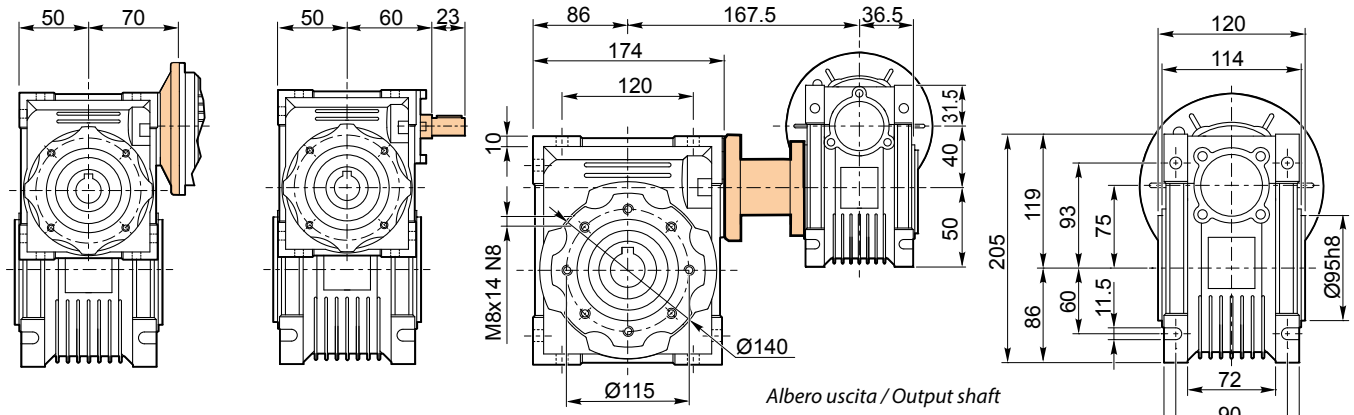


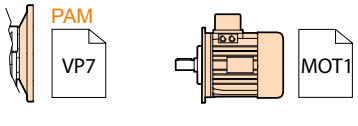


FE DX **Standard** **FE SX**

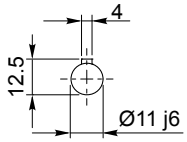


VC 040/ 075 P ... **VS 040/ 075 P ...**

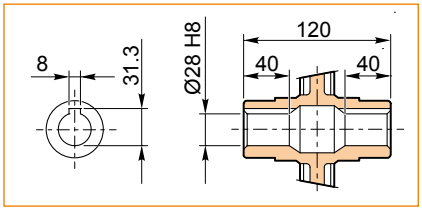




Albero entrata / Input shaft

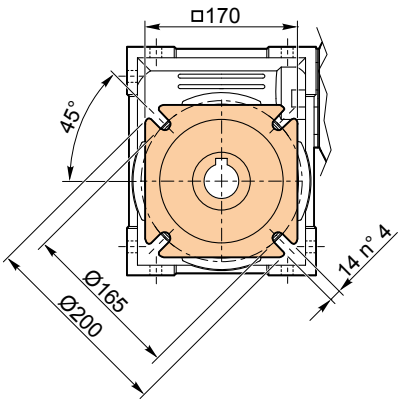


Albero uscita / Output shaft



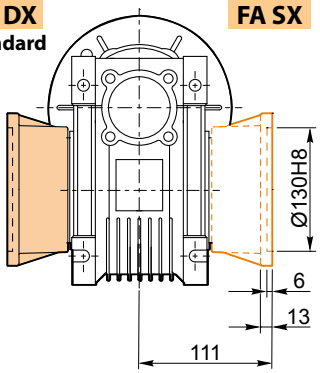
11.5 kg

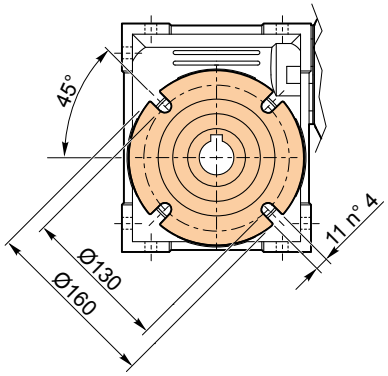
VC 040 / 075 F... **VS 040 / 075 F...**



FA DX
Standard

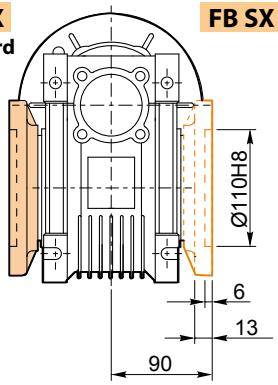
FA SX



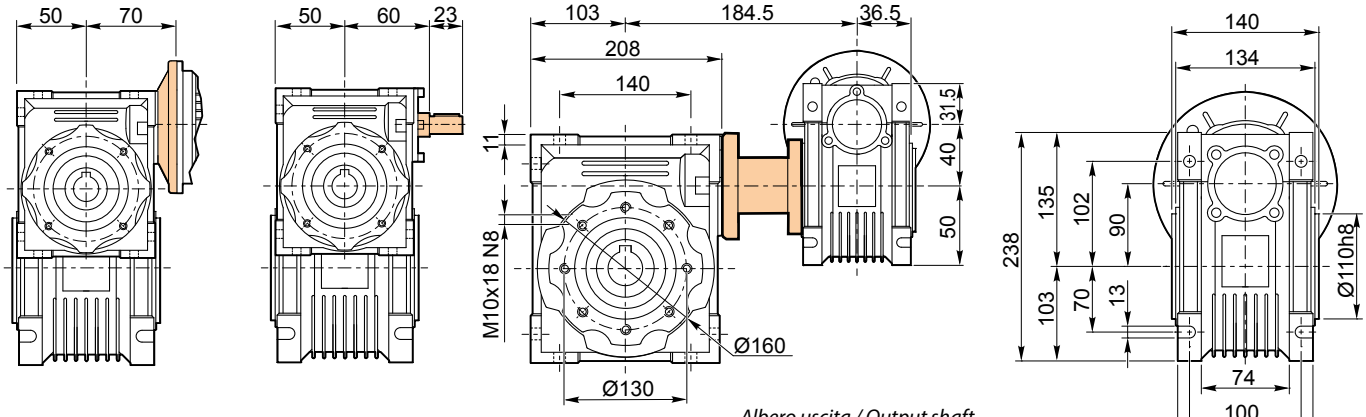


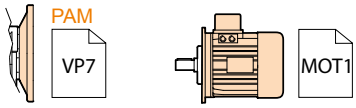
FB DX
Standard

FB SX

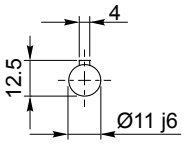


VC 040/ 090 P ... **VS 040/ 090 P ...**

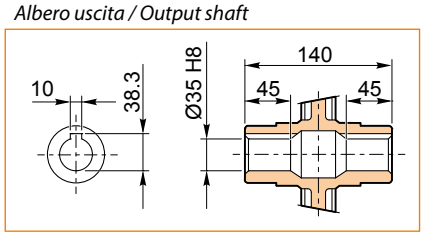




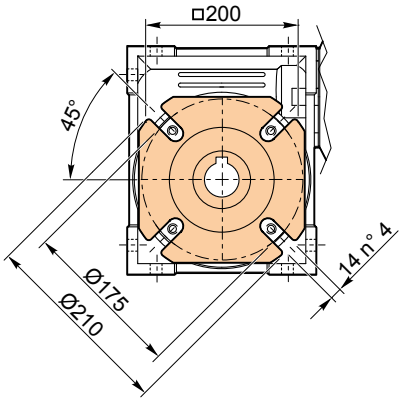
Albero entrata / Input shaft



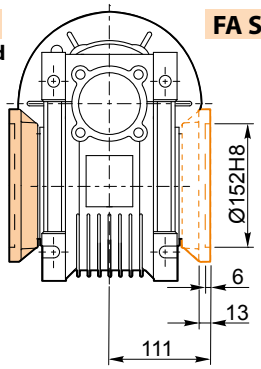
Albero uscita / Output shaft



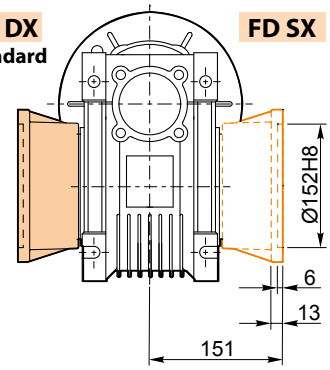
VC 040 / 090 F... **VS 040 / 090 F...**

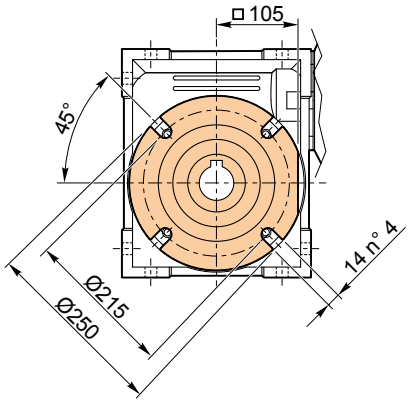


FA DX **Standard** **FA SX**

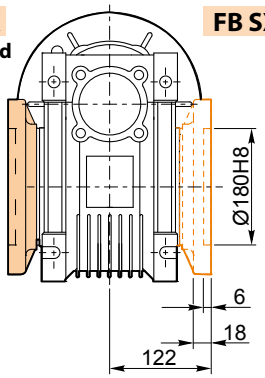


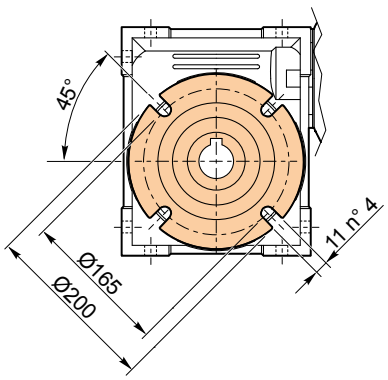
FD DX **Standard** **FD SX**



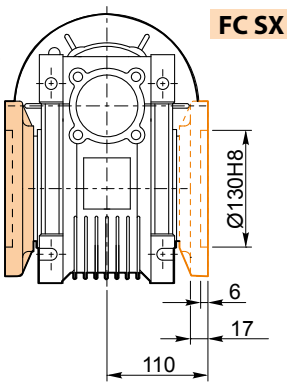


FB DX **Standard** **FB SX**

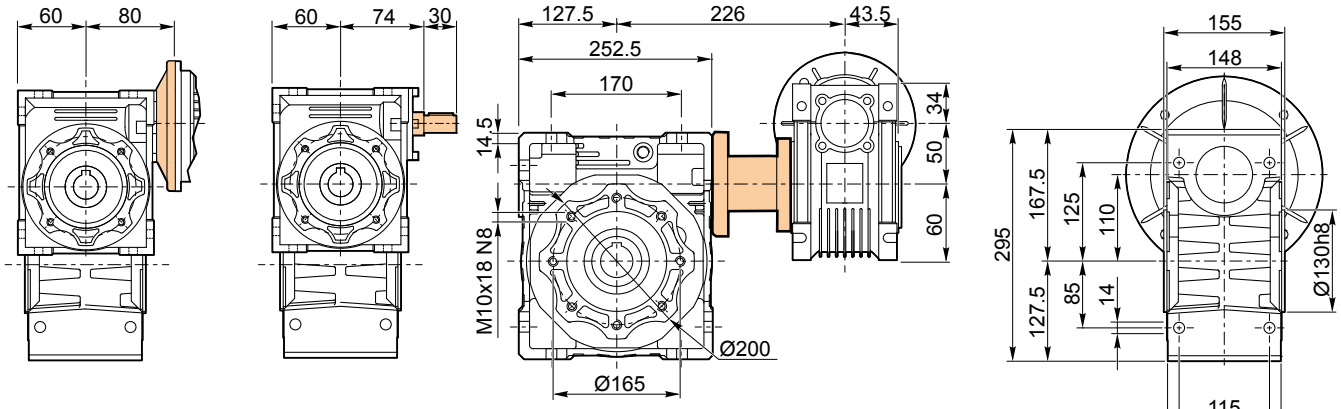




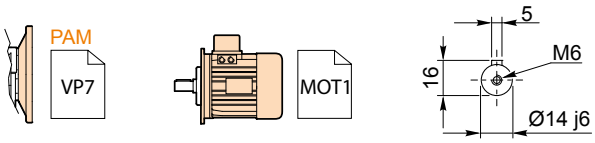
FC DX **Standard** **FC SX**



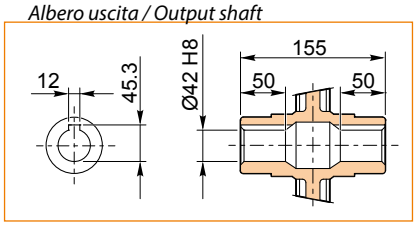
VC 050/ 110 P ... **VS 050/ 110 P ...**



Albero entrata / Input shaft

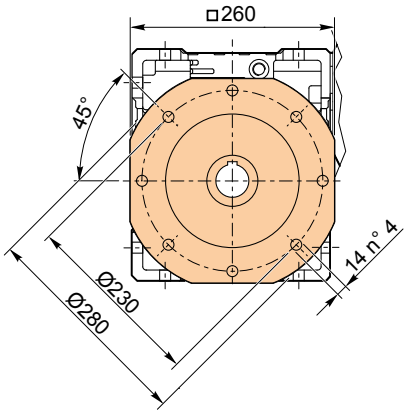


Albero uscita / Output shaft

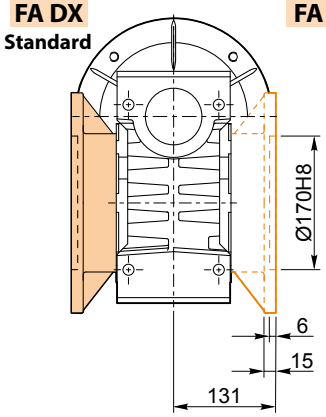


39 kg

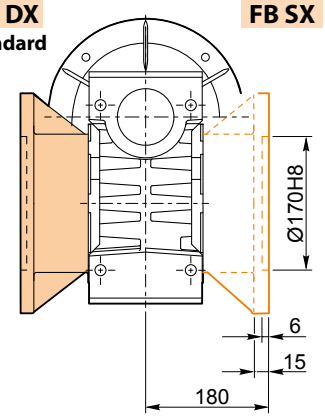
VC 050 / 110 F... **VS 050 / 110 F...**



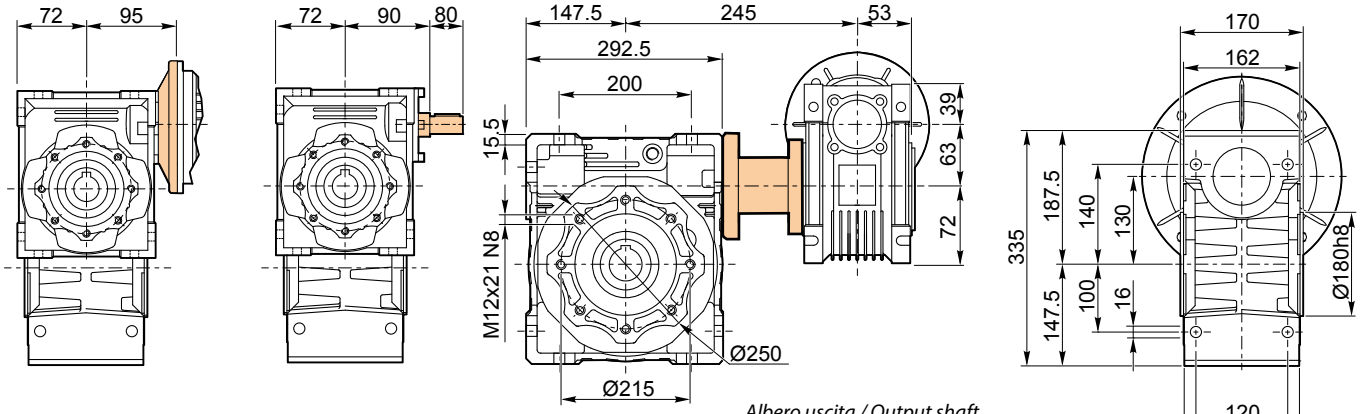
FA DX **FA SX**
Standard



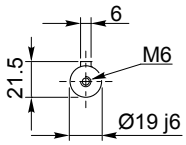
FB DX **FB SX**
Standard



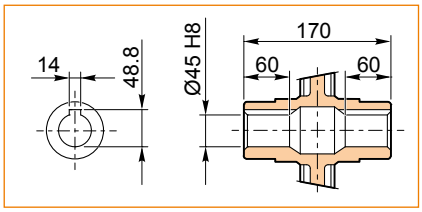
VC 063/ 130 P ... **VS 063/ 130 P ...**

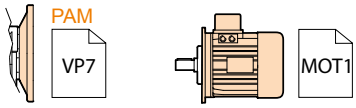


Albero entrata / Input shaft



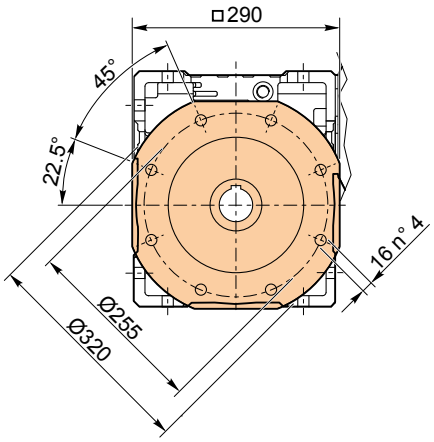
Albero uscita / Output shaft





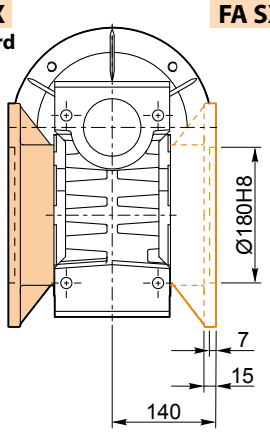
55 kg

VC 063 / 130 F... **VS 063 / 130 F...**

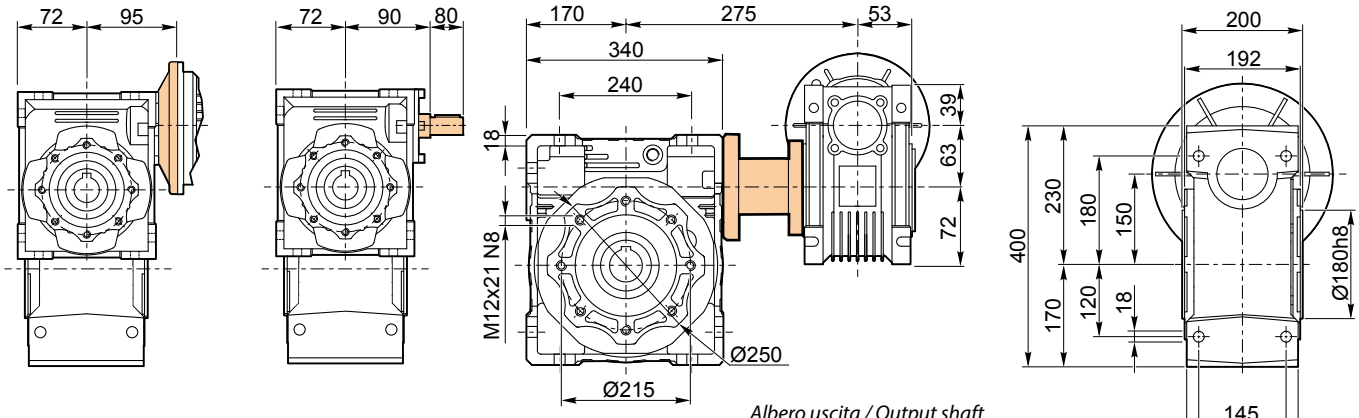


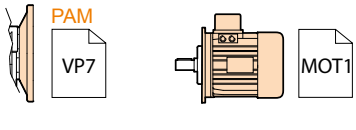
FA DX
Standard

FA SX

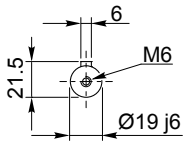


VC 063/ 150 P ... **VS 063/ 150 P ...**

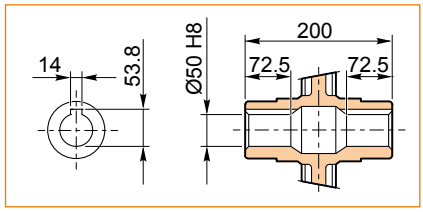




Albero entrata / Input shaft

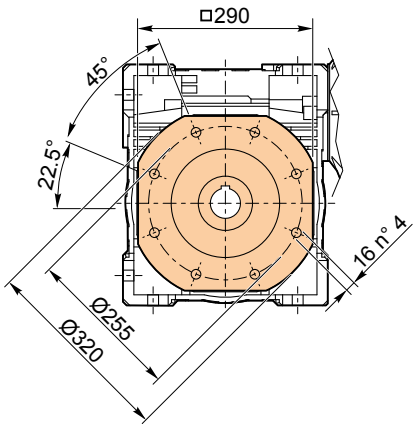


Albero uscita / Output shaft



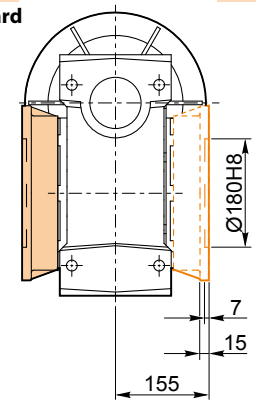
92 kg

VC 063 / 150F... **VS 063 / 150 F...**



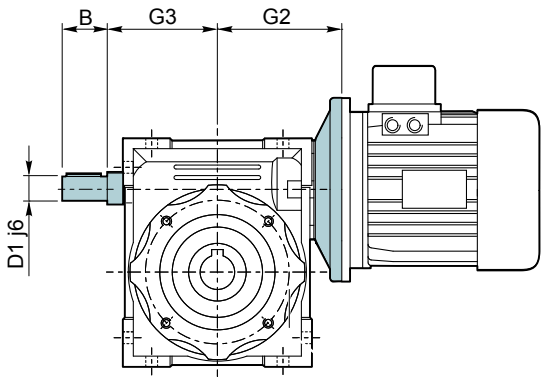
FA DX
Standard

FA SX

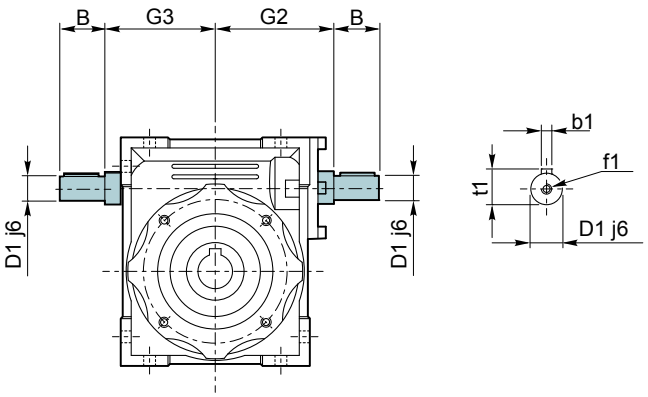


Seconda entrata / *Additional input*

VP



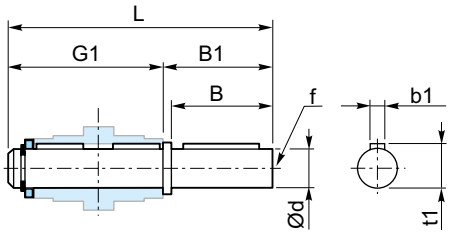
VI



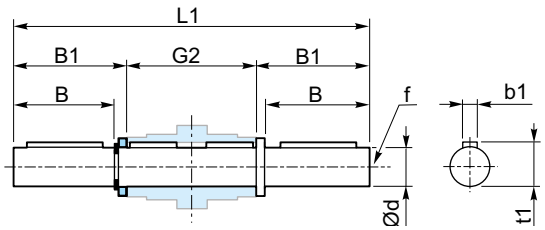
VP / VI	030	040	050	063	075	090	110	130	150
B	20	23	30	40	50	50	60	80	80
D1 j6	9	11	14	19	24	24	28	30	35
G2	51	60	74	90	105	125	142	162	195
G3	45	53	64	75	90	108	135	155	175
b1	3	4	5	6	8	8	8	8	10
M12f1	-	-	M6	M6	M8	M8	M10	M10	M12
t1	10.2	12.5	16	21.5	27	27	31	33	38

Kit assemblaggio - Accessori / *Assembly Kit - Accessories*

AS Albero lento semplice / *Single output shaft*

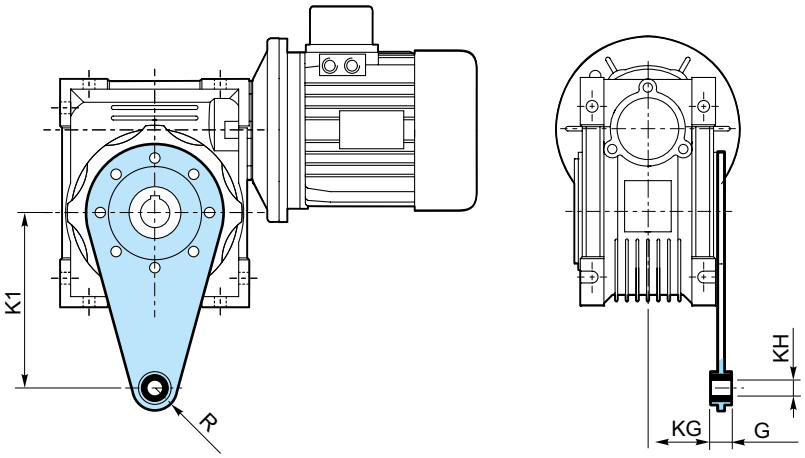


AD Albero lento doppio / *Double output shaft*



Riduttore *Gearbox*	Grandezza - *Size*									
VP / VI	**025**	**030**	**040**	**050**	**063**	**075**	**090**	**110**	**130**	**150**
VR	-	-	**063/040**	**063/050 071/050**	**071/063**	**071/075 080/075**	**080/090 090/090**	**080/110 090/110**	**090/130**	-
VC / VS	-	**025/030**	**025/040 030/040**	**030/050**	**030/063**	**040/075**	**040/090**	**050/110**	**063/130**	**063/150**
d	11 g6	14 h6	18 h6	25 h6	25 h6	28 h6	35 h6	42 h6	45 h6	50 h6
B	23	30	40	50	50	60	80	80	80	82
B1	25.5	32.5	43	53.5	53.5	63.5	84.5	84.5	85	87
G1	50	63	78	92	112	120	140	155	170	200
L	81	102	128	153	173	192	234	249	265	297
L1	101	128	164	199	219	247	309	324	340	374
f	-	M6	M6	M10	M10	M10	M12	M16	M16	M16
b1	4	5	6	8	8	8	10	12	14	14
t1	12.5	16	20.5	28	28	31	38	45	48.5	53.5
CODICE / CODE AS	AS025	AS030	AS040	AS050	AS063	AS075	AS090	AS110	AS130	AS150
CODICE / CODE AD	AD025	AD030	AD040	AD050	AD063	AD075	AD090	AD110	AD130	AD150

BR Braccio di reazione / *Torque arm*

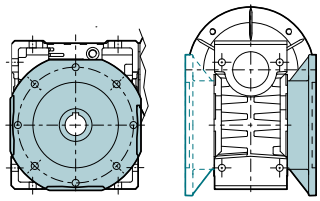


Riduttore *Gearbox*	Grandezza - *Size*									
VP / VI	**025**	**030**	**040**	**050**	**063**	**075**	**090**	**110**	**130**	**150**
VR	-	-	**063/040**	**063/050 071/050**	**071/063**	**071/075 080/075**	**080/090 090/090**	**080/110 090/110**	**090/130**	-
VC / VS	-	**025/030**	**025/040 030/040**	**030/050**	**030/063**	**040/075**	**040/090**	**050/110**	**063/130**	**063/150**
K1	70	85	100	100	150	200	200	250	250	250
G	14	14	14	14	14	25	25	30	30	30
KG	17.5	24	31.5	38.5	49	47.5	57.5	62	69	84
KH	8	8	10	10	10	20	20	25	25	25
R	15	15	18	18	18	30	30	35	35	35
CODICE / CODE	BR025	BR030	BR040	BR050	BR063	BR075	BR090	BR110	BR130	BR150

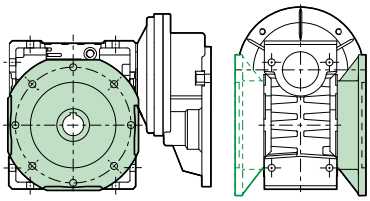
Kit assemblaggio - Accessori / *Assembly Kit - Accessories*

KIT FLANGIA USCITA / *KIT OUTPUT FLANGE*

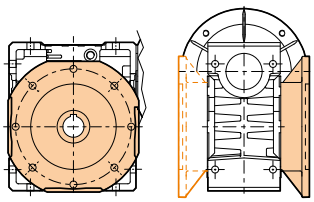
VP / VI



VR



VC / VS

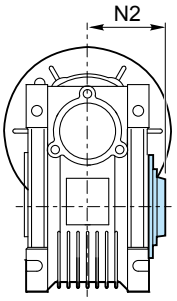


		Grandezza - *Size*														
Riduttore *Gearbox*	**VP / VI**	**025**	**030**	**040**				**050**				**063**				
	VR	-	-	**063/040**				**063/050 071/050**				**071/063**				
	VC / VS	-	**025/030**	**025/040 030/040**				**030/050**				**030/063**				
	TIPO FLANGIA / *TYPE FLANGE*	FA	FA	FA	FB	FC	FD	FA	FB	FC	FD	FA	FB	FC	FD	FE
	CODICE / CODE	**FA025**	**FA030**	**FA040**	**FB040**	**FC040**	**FD040**	**FA050**	**FB050**	**FC050**	**FD050**	**FA063**	**FB063**	**FC063**	**FD063**	**FE063**

		Grandezza - *Size*									
Riduttore *Gearbox*	**VP / VI**	**075**		**090**				**110**		**130**	**150**
	VR	**071/075 080/075**		**080/090 090/090**				**080/110 090/110**		**090/130**	-
	VC / VS	**040/075**		**040/090**				**050/110**		**063/130**	**063/150**
	TIPO FLANGIA / *TYPE FLANGE*	FA	FB	FA	FB	FC	FD	FA	FB	FA	FA
	CODICE / CODE	**FA075**	**FB075**	**FA090**	**FB090**	**FC090**	**FD090**	**FA110**	**FB110**	**FA130**	**FA150**

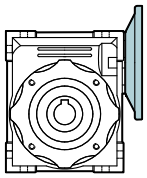
KIT PROTEZIONE ALBERO CAVO / *KIT HOLLOW SHAFT PROTECTION*

		Grandezza - *Size*									
Riduttore *Gearbox*	**VP / VI**	**025**	**030**	**040**	**050**	**063**	**075**	**090**	**110**	**130**	**150**
	VR	-	-	**063/040**	**063/050 071/050**	**071/063**	**071/075 080/075**	**080/090 090/090**	**080/110 090/110**	**090/130**	-
	VC / VS	-	**025/030**	**025/040 030/040**	**030/050**	**030/063**	**040/075**	**040/090**	**050/110**	**063/130**	**063/150**
	N2	-	42	50	58	69	74	86	94	102	113
	CODICE / CODE	-	CO030	CO040	CO050	CO063	CO075	CO090	CO110	CO130	



Kit assemblaggio - Accessori / *Assembly Kit - Accessories*

KIT FLANGIA ENTRATA / *KIT INPUT FLANGE*

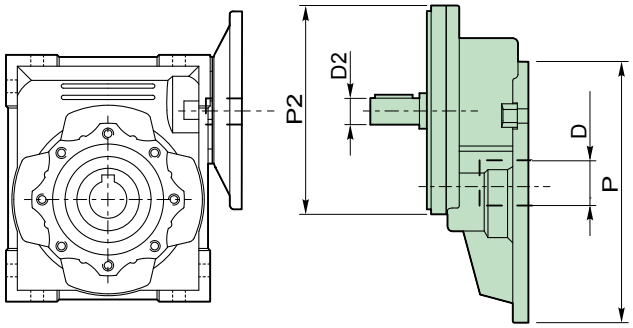


VP	IEC	CODICE / *CODE*
025	56B14	FI025056B14
030	63B5	FI030063B5
	63B14	FI030063B14
	56B5	FI030056B5
	56B14	FI030056B14
040	71B5	FI040071B5
	71B14	FI040071B14
	63B5	FI040063B5
	63B14	FI040063B14
	56B5	FI040056B5
050	80B5	FI050080B5
	80B14	FI050080B14
	71B5	FI050071B5
	71B14	FI050071B14
	63B5	FI050063B5
063	90B5	FI063080B5
	90B14	FI063090B14
	80B5	FI063080B5
	80B14	FI063080B14
	71B5	FI063071B5
	71B14	FI063071B14
075	100/112B5	FI075100B5
	100/112B14	FI075100B14
	90B5	FI075080B5
	90B14	FI075090B14
	80B5	FI075080B5
	80B14	FI075080B14
	71B5	FI075071B5
090	100/112B5	FI075100B5
	100/112B14	FI075100B14
	90B5	FI075080B5
	90B14	FI075090B14
	80B5	FI075080B5
	80B14	FI075080B14
110	132B5	FI110132B5
	132 B14	FI110132B14
	100/112B5	FI110100B5
	100/112B14	FI110100B14
	90B5	FI110080B5
	90B14	FI110090B14
	80B5	FI110080B5
130	132B5	FI110132B5
	132 B14	FI110132B14
	100/112B5	FI110100B5
	100/112B14	FI110100B14
	90B5	FI110080B5
150	160B5	FI150160B5
	132B5	FI150132B5
	100/112B5	FI150100B5

Kit assemblaggio - Accessori / *Assembly Kit - Accessories*

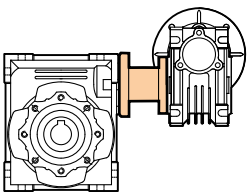
KIT PRECOPPIA / *KIT PRE-STAGE*

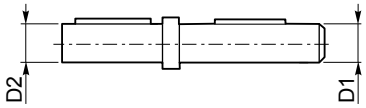
VR	CODICE / *CODE*	P	D	P2	D2	R1	Kg
063/040 063/050	PR063A11	140	11	105	11	2.94	1.5
	PR063A14	140	11	105	14		1.5
071/050 071/063 071/075	PR071A14	160	14	120	14	2.94	2.6
	PR071A19	160	14	120	19		2.6
080/075 080/090 080/110	PR080A19	200	19	160	19	3	4.7
	PR080A24	200	19	160	24		4.7
090/090 090/110 090/130	PR090A24	200	24	160	24	2.45	4.7
	PR090A28	200	24	160	28		4.7

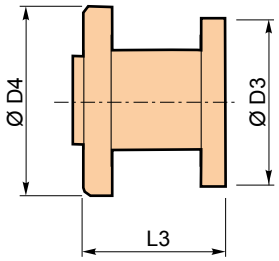


KIT COMBINAZIONE VITE SENZA FINE/ *KIT* COMBINATION *WORMGEARBOXES*

Albero di combinazione / Combination shaft *Flangia di combinazione / Combination flange*

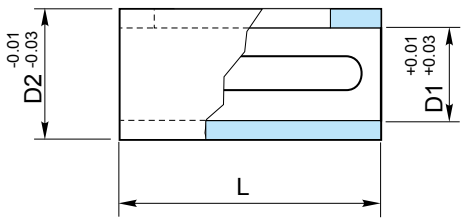






VR	CODICE / *CODE*	Albero di combinazione / *Combination shaft*		Flangia di combinazione / *Combination flange*		
		D1	D2	D3	D4	L3
025/030	KC025030A09	11	9	70	58	36.5
025/040	KC025040A11	11	11	70	75	41.5
030/040	KC030040A11	14	11	75	75	40
030/050	KC030050A14	14	14	75	89	40
030/063	KC030063A14	14	14	75	89	42
	KC030063A19	14	19			
040/075	KC040075A19	18	19	87	96	41
040/090	KC040090A24	18	24	87	96	41
050/110	KC050110A28	25	28	100	115	56.5
063/130	KC063130A28	25	28	110	115	47
063/150	KC063150A38	25	38	110	155	52

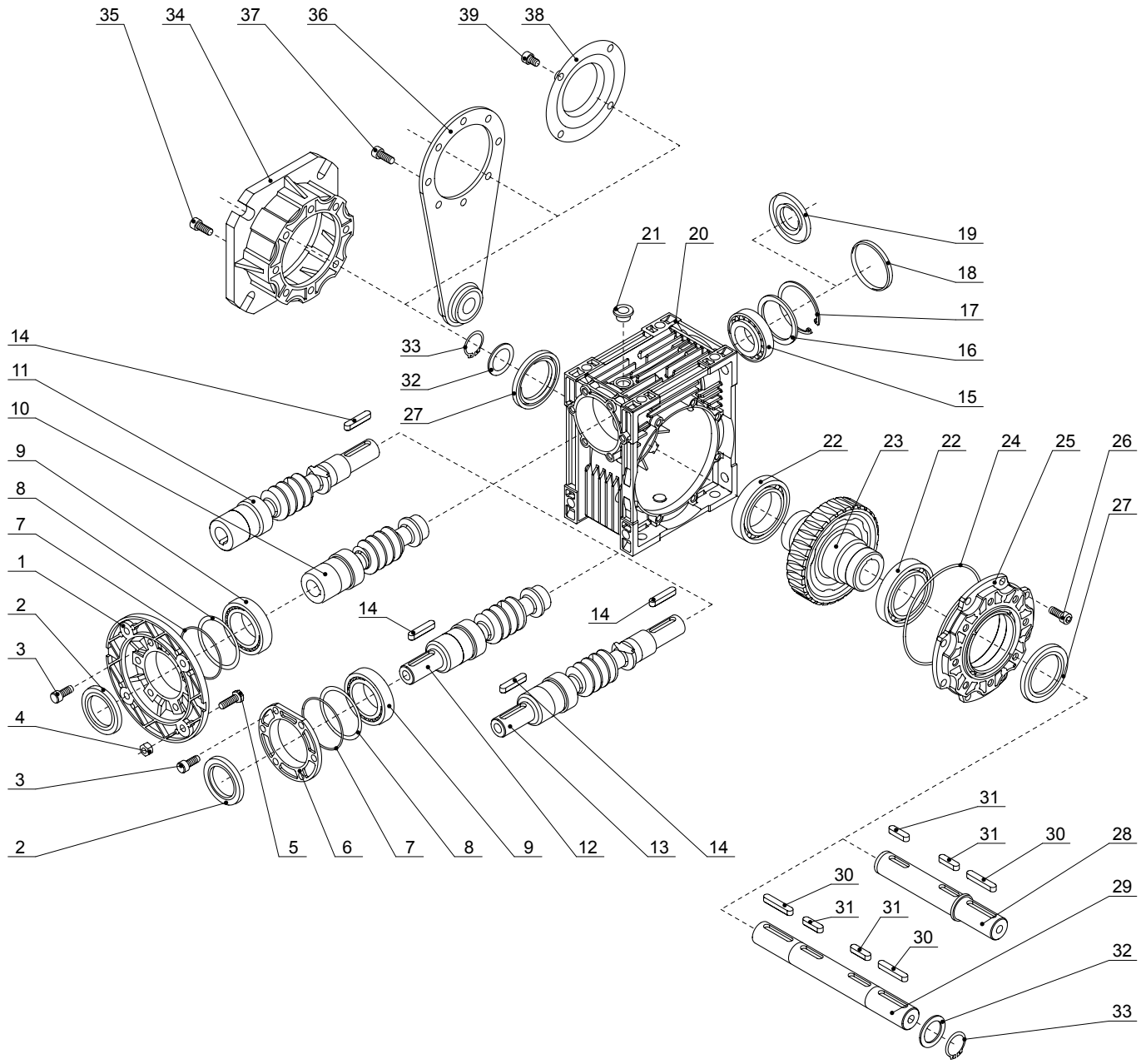
BC Boccola di riduzione in acciaio / *Metal shaft sleeves*



D2	11	14	19	19	24	24	28	28	38	38	42
D1	9	11	11	14	14	19	19	24	24	28	38
L	23	30	40	40	50	50	60	60	80	80	110
CODICE / CODE	BC1109	BC1411	BC1911	BC1914	BC2414	BC2419	BC2819	BC2824	BC3824	BC3828	BC4238

Disegno esploso / *Exploded view*

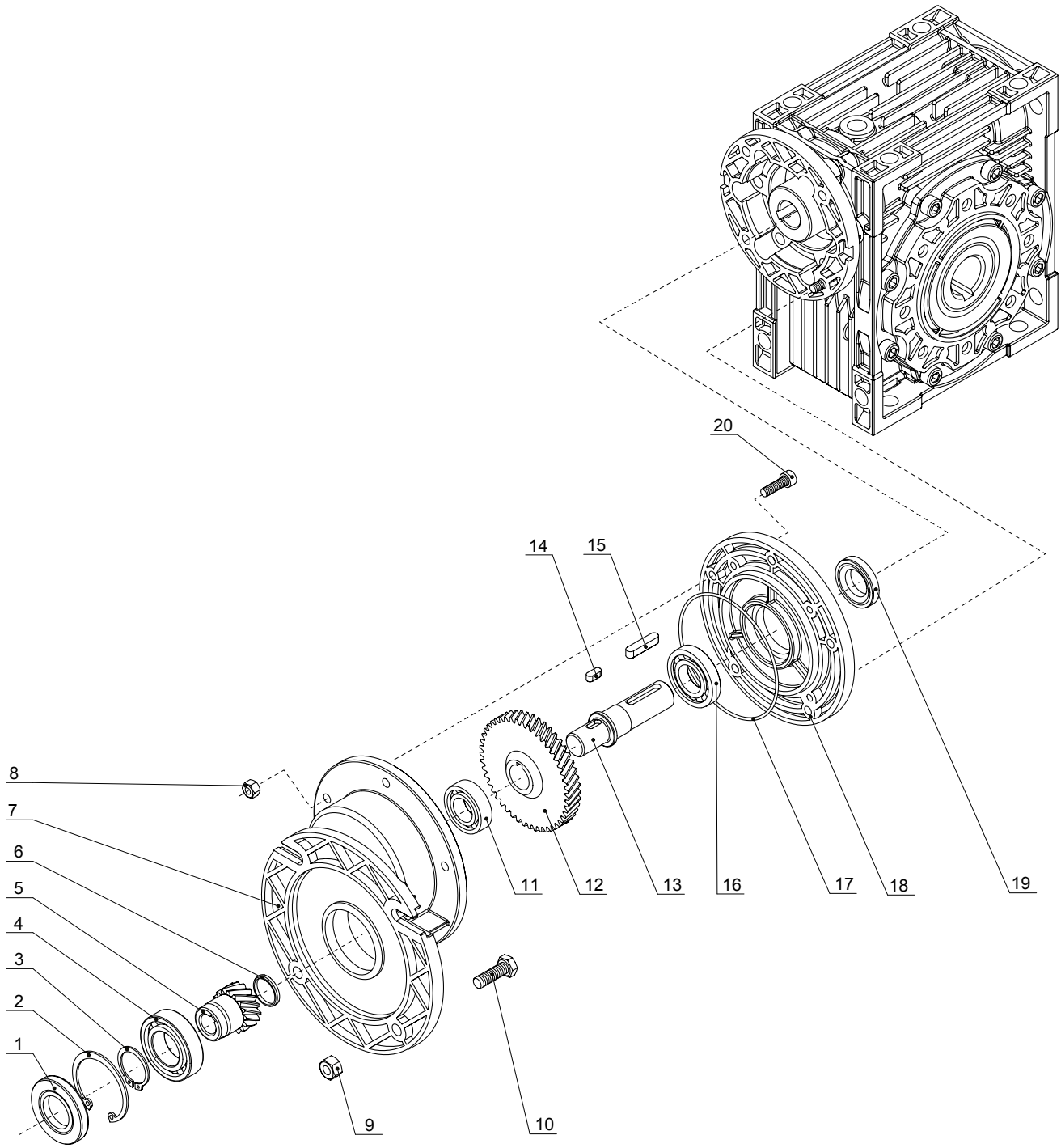
VP / VI



1	Flangia Motore *Flange PAM*	11	Vite PAM seconda entrata *Double ext. PAM worm*	21	Tappo *Plug cock*	31	Linguetta *Parallel key*
2	Paraolio *Oil seal*	12	Vite sporgente *RV worm*	22	Cuscinetto *Bearing*	32	Rondella *Washer*
3	Vite *Hexagon socket head cap screw*	13	Vite sporgente seconda entrata *Double ext. RV worm*	23	Corona *Worm wheel*	33	Seeger *Circlips*
4	Grano *Hexagon nuts*	14	Linguetta entrata *Parallel key*	24	O-ring *O-ring*	34	Flangia uscita *Output flange*
5	Vite *Hexagon bolt*	15	Cuscinetto *Bearing*	25	Coperchio pendolare *Bearing support cover*	35	Vite *Hexagon socket head cap screw*
6	Coperchio *Gear unit cover*	16	Distanziale *Washer*	26	Vite *Hexagon socket head cap screw*	36	Braccio reazione *Torque arm*
7	O-ring *O-ring*	17	Seeger *Circlips*	27	Paraolio *Oil seal*	37	Vite *Hexagon socket head cap screw*
8	Rasamento *Spacer shim*	18	Cappellotto *Cap*	28	Albero lento semplice *Single output Shaft*	38	Coperchio protezione *Protection cap*
9	Cuscinetto *Bearing*	19	Paraolio *Oil seal*	29	Albero lento doppio *Double output Shaft*	39	Vite *Hexagon socket head cap screw*
10	Vite PAM *PAM worm*	20	Carcassa *Housing*	30	Linguetta *Parallel key*		

VR

Disegno esploso / *Exploded view*



1	Paraolio *Oil seal*	6	Cappellotto *Cap*	11	Cuscinetto *Bearing*	16	Cuscinetto *Bearing*
2	Seeger *Circlips*	7	Cassa precoppia *Pre-stage housing*	12	Ingranaggio *Gear*	17	O-ring *O-ring*
3	Seeger *Circlips*	8	Grano *Hexagon nuts*	13	Albero *Low speed shaft*	18	Coperchio uscita *Output cover*
4	Cuscinetto *Bearing*	9	Grano *Hexagon nuts*	14	Linguetta *Parallel key*	19	Paraolio *Oil seal*
5	Pinion *Hollow pinion*	10	Vite *Hexagon bolt*	15	Linguetta *Parallel key*	20	Vite *Hexagon socket head cap screw*