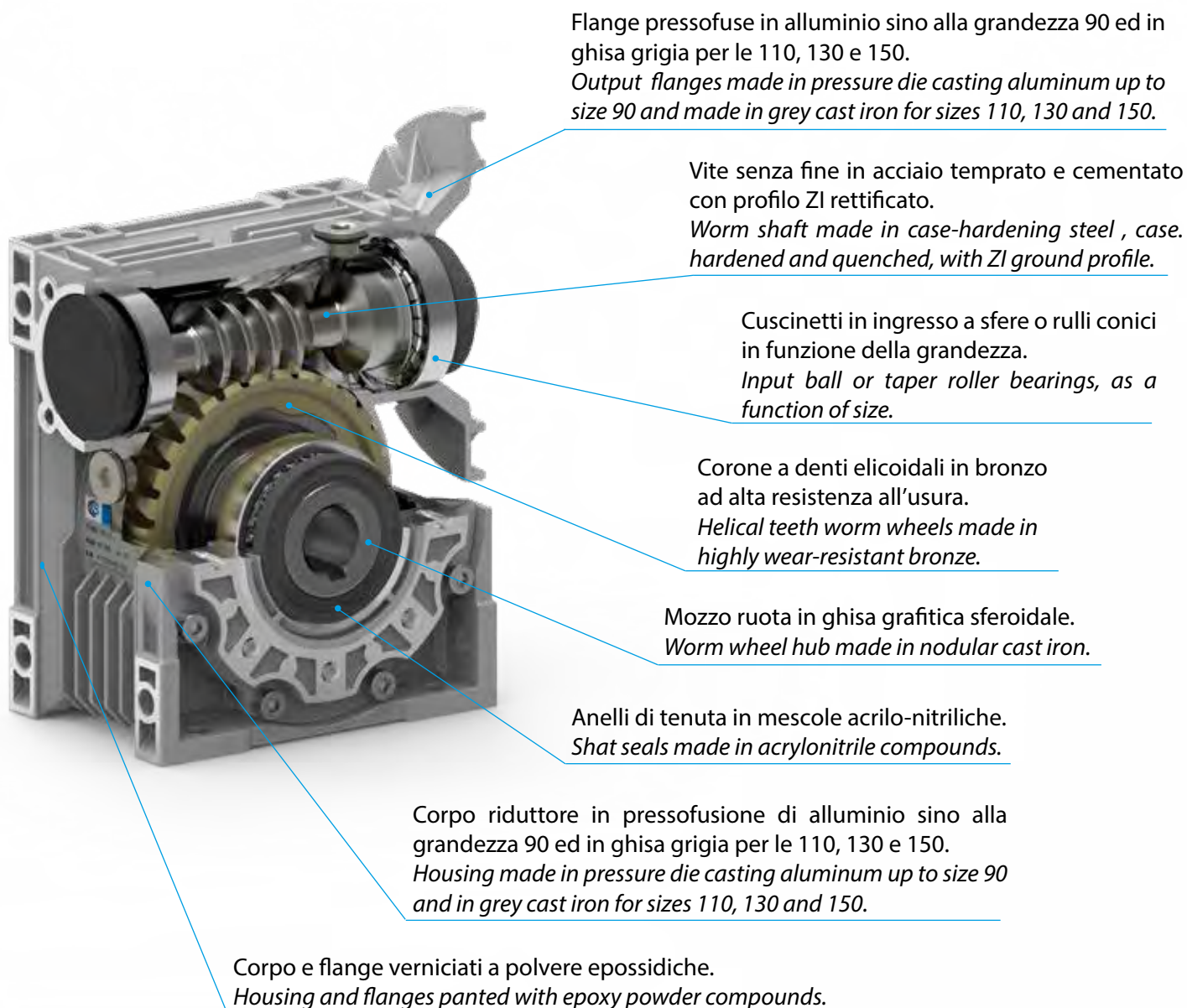


riduttori serie VP

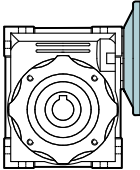
NMRV 30 / 40 / 50 / 63 / 75 / 90 / 110



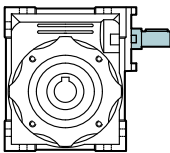


Designazione / Designation

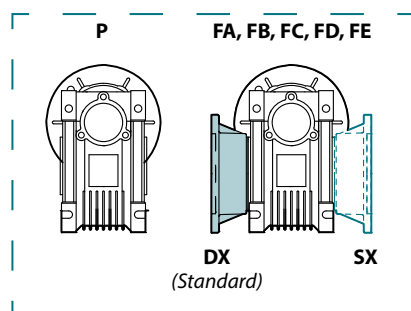
RIDUTTORE A VITE SENZA FINE QUADRO FLANGIATO / WORM GEARBOXES WITH FLANGE

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

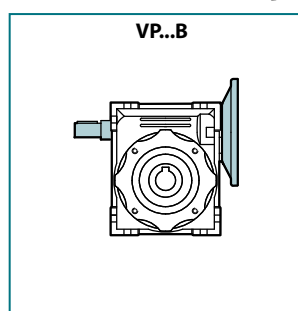
RIDUTTORE A VITE SENZA FINE QUADRO / WORM GEARBOXES

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

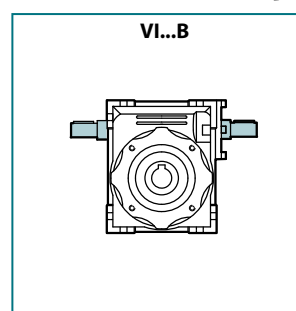
Versione riduttore / Gearbox version



Seconda entrata / Additional input



Seconda entrata / Additional input



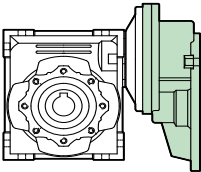
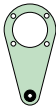
(1) Versione seconda entrata disponibile dalla gr. 30 alla 150.

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

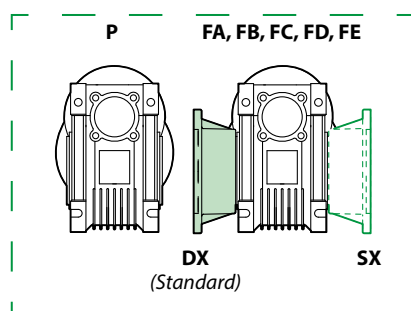
(1) Version with additional input is available from size 30 to 150.

* 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 gearbox	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)	63 71 80 90	B5	U* B3 B6 B7 B8 V5 V6	AS  AD 	BR 	
				 VP6			 10	 VP75	 VP75	

Versione riduttore / Gearbox version



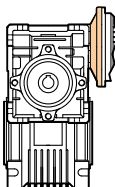
(1) Rapporti di riduzione reali del kit precoppia, consultare tab. p.20

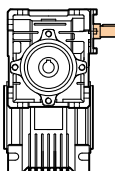
* Dalla gr. 25 alla 63, i riduttori sono forniti in posizione U = Universale

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

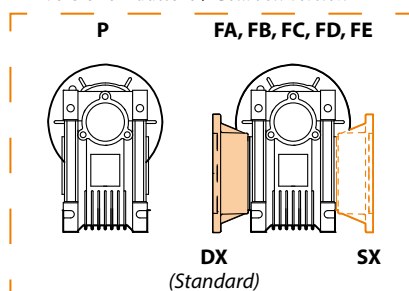
* From size 25 to 63, the gearboxes are supplied in position U = Universal

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	U* B3 B6 B7 B8 V5 V6 (1)	  	 	

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	U* B3 B6 B7 B8 V5 V6 (1)	  VP75	 	

Versione riduttore / Gearbox version



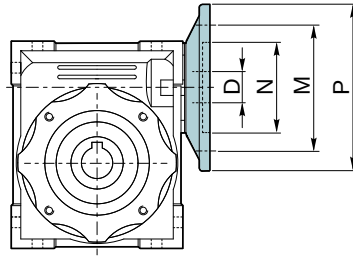
(1) Posizione di montaggio riferita al riduttore uscita

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

(1) Mounting position refers to output gearbox

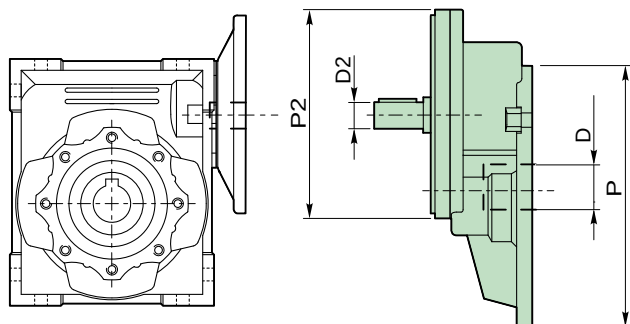
* From size 25 to 63, the gearboxes are supplied in position U = Universal

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	-	-	-	-	-
	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	-	-	-	-	-
	132 B14	130	165	200												
	100/112B5	180	215	250	-	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	-	-	-	-	-
	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

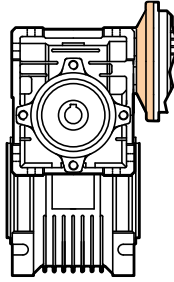


IEC: P / D

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
	PR080A19	200	19	160	19
080/075 080/090 080/110	PR080A24	200	19	160	24
	PR090A24	200	24	160	24
090/090 090/110 090/130	PR090A28	200	24	160	28

i = R1 x R2		Grandezza precoppia / Size pre-stage			
Grandezza riduttore Size gearbox	R2	063	071	080	090
		IEC 140 / 11	IEC 160 / 14	IEC 200 / 19	IEC 200 / 24
		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



$$i = R1 \times R2$$

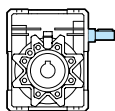
R1 = Rapporto di riduzione riduttore entrata
Ratio input gearbox

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
	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

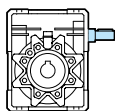
Dati tecnici riduttore / Gearbox technical data



				Grandezza / Size									
i	n ₁	n ₂		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

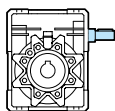
Dati tecnici riduttore / Gearbox technical data



				Grandezza / Size									
i	n ₁	n ₂		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	0.78	0.80	0.81	0.82	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

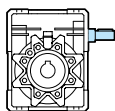
Dati tecnici riduttore / Gearbox technical data



				Grandezza / Size									
i	n ₁	n ₂		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

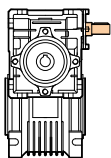
Dati tecnici riduttore / Gearbox technical data



				Grandezza / Size									
i	n ₁	n ₂		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	0.050	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	6270	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

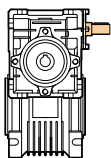
Dati tecnici riduttore / Gearbox technical data



				Grandezza / Size							
				030/040	030/050	030/063	040/075	040/090	050/110	063/130	063/150
i	n ₁	n ₂									
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		

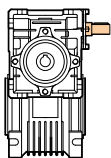
(1): i a richiesta / i on request

Dati tecnici riduttore / Gearbox technical data



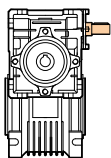
				Grandezza / Size							
				030/040	030/050	030/063	040/075	040/090	050/110	063/130	063/150
i	n ₁	n ₂									
R250	2800	11.2	Mm ₂ [Nm]	61	110	218	304	450	1013	1530	1864
			Pm ₁ [kW]	0.13	0.23	0.44	0.53	0.71	1.78	2.69	3.27
			Fr ₂ [N]	3490	4840	6270	6640	7360	10320	13500	18000
			Fr ₁ [N]	140	140	140	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



				Grandezza / Size							
				030/040	030/050	030/063	040/075	040/090	050/110	063/130	063/150
i	n ₁	n ₂									
R500	2800	5.6	Mm ₂ [Nm]	61	120	236	259	459	994	1550	2330
			Pm ₁ [kW]	0.07	0.16	0.331	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	169	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

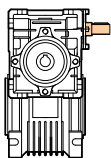
Dati tecnici riduttore / Gearbox technical data



				Grandezza / Size							
				030/040	030/050	030/063	040/075	040/090	050/110	063/130	063/150
i	n ₁	n ₂									
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	

(1): i a richiesta / i on request

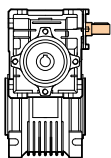
Dati tecnici riduttore / Gearbox technical data



				Grandezza / Size							
				030/040	030/050	030/063	040/075	040/090	050/110	063/130	063/150
i	n ₁	n ₂									
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

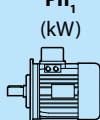
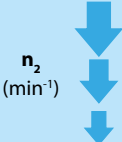
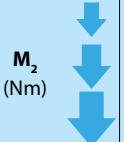
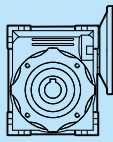
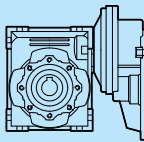
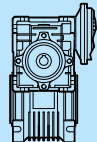


					Grandezza / Size							
					030/040	030/050	030/063	040/075	040/090	050/110	063/130	063/150
i	n ₁	n ₂										
R3200	2800	0.9	Mm ₂ [Nm]	60	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
			Pm ₁ [kW]	0.02								
			Fr ₂ [N]	3490								
			Fr ₁ [N]	126								
	1400	0.5	Mm ₂ [Nm]	60								
			Pm ₁ [kW]	0.01								
			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

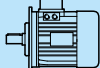
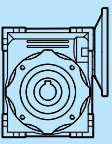
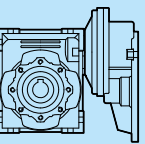
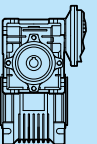
Tabella dati tecnici motoriduttori / Table technical data gearmotors

 Pn_1 (kW)	 n_2 (min ⁻¹)	 M_2 (Nm)	fs	i				FR_2 (N)
0.06								
M1 056 0.06 4P... ($n_1 = 1400 \text{ min}^{-1}$)	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 : $M_{m2} = M_2 \times fs$

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

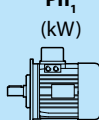
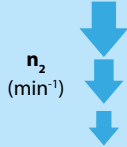
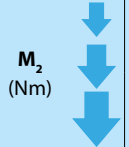
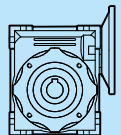
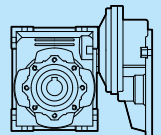
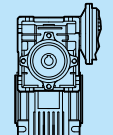
Tabella dati tecnici motoriduttori / Table technical data gearmotors

 Pn_1 (kW)	 n_2 (min ⁻¹)	 M_2 (Nm)	fs	i				FR_2 (N)
0.06								
M1 056 0.06 4P... (n ₁ = 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.. (n ₁ = 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 : $M_{m2} = M_2 \times fs$

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

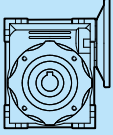
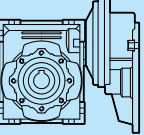
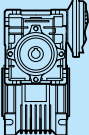
Tabella dati tecnici motoriduttori / Table technical data gearmotors

 Pn_1 (kW)	 n_2 (min ⁻¹)	 M_2 (Nm)	fs	i				FR_2 (N)
0.09								
M1 056 0.09 4P. ($n_1 = 1400 \text{ min}^{-1}$)	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 : $M_{m2} = M_2 \times fs$

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

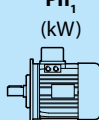
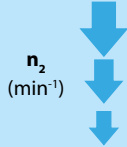
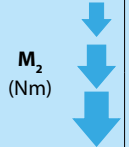
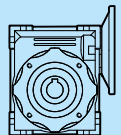
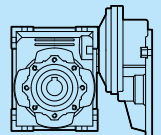
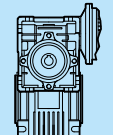
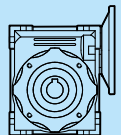
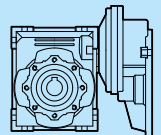
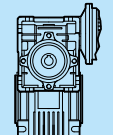
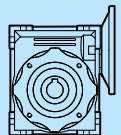
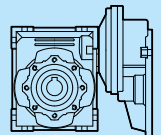
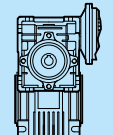
Tabella dati tecnici motoriduttori / Table technical data gearmotors

 Pn_1 (kW)	 n_2 (min ⁻¹)	 M_2 (Nm)	fs	i				FR_2 (N)
0.12								
M1 056 0.12 2P... ($n_1 = 2800 \text{ min}^{-1}$)	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... ($n_1 = 1400 \text{ min}^{-1}$)	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 : $M_{m2} = M_2 \times fs$

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

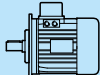
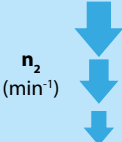
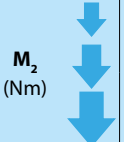
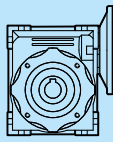
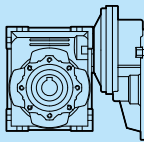
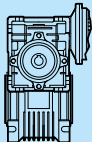
Tabella dati tecnici motoriduttori / Table technical data gearmotors

 Pn_1 (kW)	 n_2 (min ⁻¹)	 M_2 (Nm)	fs	i				FR_2 (N)
0.12								
M1 063 0.12 4P. ($n_1 = 1400 \text{ min}^{-1}$)	4.8	98*	0.7*	294				4840
	4.7	119	1.2	300				4840
	4.7	117	2.2	300				6270
	4.7	134	3.3	300				7380
	3.5	142*	0.9*	400				4840
	3.5	152	1.7	400				6270
	3.5	164	2.5	400				7380
	2.8	164*	0.7*	500				4840
	2.8	171	1.3	500				6270
	2.8	188	2	500				7380
	2.8	202	2.8	500				8180
	2.3	208	1.1	600				6270
	2.3	248	1.8	600				7380
	2.3	260	2.7	600				8180
	1.9	241*	0.9*	750				6270
	1.9	299	1.5	750				7380
	1.9	313	2.2	750				8180
	1.6	297*	0.9*	900				6270
	1.6	325	1.2	900				7380
	1.6	350	2	900				8180
	1.2	360*	0.8*	1200				6270
	1.2	399*	0.9*	1200				7380
	1.2	434	1.6	1200				8180
	1.2	448	2.8	1200				10320
	0.9	495*	0.9*	1500				7380
	0.9	518	1.4	1500				8180
	0.9	527	2.4	1500				10320
	0.8	556*	0.8*	1800				7380
	0.8	547*	0.9*	1800				8180
	0.8	592	2.1	1800				10320
	0.6	766	1.5	2400				10320
	0.58	695*	0.9*	2400				8180
	0.5	884	1.2	3000				10320
	0.35	784	1	4000				10320
	0.28	928*	0.8*	5000				10320
M1 063 0.12 6P. ($n_1 = 900 \text{ min}^{-1}$)	180	5	3.7	5				692
	120	8	2.5	7.5				792
	90	10	2	10				871
	60	14	1.4	15				997
	60	15	3.3	15				1920
	45	18	1.1	20				1098
	45	19	2.5	20				2113
	36	20	1.1	25				1183
	36	23	1.9	25				2276
	30	23*	0.9*	30				1257
	30	25	1.9	30				2419
	22.5	29*	0.7*	40				1383
	22.5	32	1.4	40				2662
	22.5	32	2.6	40				3654
	18	36	1.2	50				2868
	18	38	2	50				3936
	15	41*	0.9*	60				3047
	15	42	1.7	60				4183
	12.3	62	1	73.5				3283
	11.3	50*	0.7*	80				3354
	11.3	50	1.4	80				4604
	10.2	68	1.1	88.2				3488
	9	56	1	100				4840
	7.7	83*	0.8*	117.6				3490
	7.7	84	1.5	117.6				4840
	6.1	97	1.2	147				4840
	5.1	108	1	176.4				4840
	3.8	125*	0.7*	235.2				4840

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

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

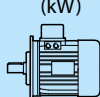
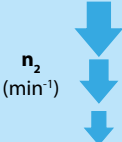
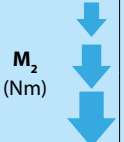
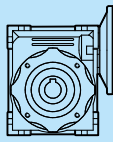
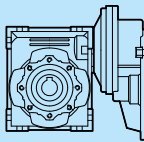
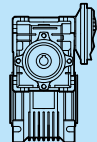
Tabella dati tecnici motoriduttori / Table technical data gearmotors

 Pn_1 (kW)	 n_2 (min ⁻¹)	 M_2 (Nm)	fs	i				FR_2 (N)
0.18								
M1 063 0.18 2P. ($n_1 = 2800 \text{ min}^{-1}$)	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. ($n_1 = 1400 \text{ min}^{-1}$)	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 : $M_{m2} = M_2 \times fs$

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

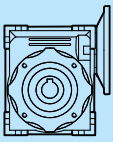
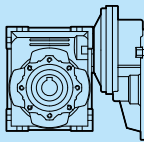
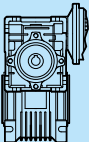
Tabella dati tecnici motoriduttori / Table technical data gearmotors

 Pn_1 (kW)	 n_2 (min ⁻¹)	 M_2 (Nm)	fs	i				FR_2 (N)
0.18								
M1 063 0.18 4P. ($n_1 = 1400 \text{ min}^{-1}$)	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. ($n_1 = 900 \text{ min}^{-1}$)	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 : $M_{m2} = M_2 \times fs$

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

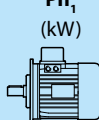
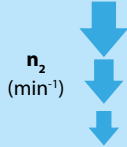
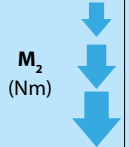
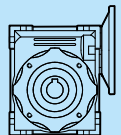
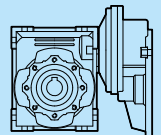
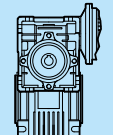
Tabella dati tecnici motoriduttori / Table technical data gearmotors

 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 : $M_{m2} = M_2 \times fs$

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

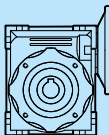
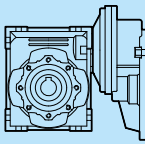
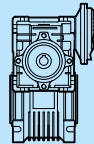
Tabella dati tecnici motoriduttori / Table technical data gearmotors

 Pn_1 (kW)	 n_2 (min ⁻¹)	 M_2 (Nm)	fs	i				FR_2 (N)
0.25								
M1 071 0.25 4P. ($n_1 = 1400 \text{ min}^{-1}$)	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. ($n_1 = 900 \text{ min}^{-1}$)	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 : $M_{m2} = M_2 \times fs$

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

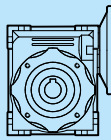
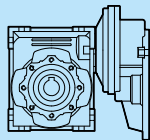
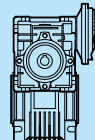
Tabella dati tecnici motoriduttori / Table technical data gearmotors

 Pn₁ (kW)	 n₂ (min ⁻¹)	 M₂ (Nm)	fs	i				FR₂ (N)			
0.25											
M1 071 0.25 6P.. (n1 = 900 min ⁻¹)	15	99	2.5	60	VP075	VR071/063 VR071/063 VR071/075 VR071/075		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				6270			
	6.1	211	1	147				6270			
	6.1	219	1.5	147				7380			
	5.1	248	1.2	176.4				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: $M_{m2} = M_2 \times fs$

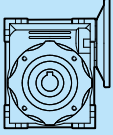
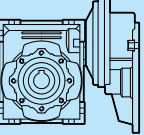
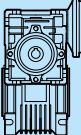
* **NOTE:** Maximum allowable torque M_{m2} must be calculated using service factor fs : $M_{m2} = M_2 \times fs$

Tabella dati tecnici motoriduttori / Table technical data gearmotors

 Pn₁ (kW)	 n₂ (min ⁻¹)	 M₂ (Nm)	fs	i				FR₂ (N)	
0.37									
M1 071 0.37 4P.. (n1 = 1400 min ⁻¹)	17.5	115	1.1	80	VP063	VR071/063 VR071/063 VR071/075 VR071/075		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					5945
	9.5	212*	0.8*	147					6270
	9.5	223	1.1	147					7380
	7.9	254*	0.9*	176.4					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	

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

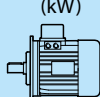
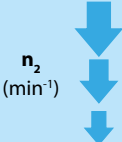
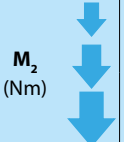
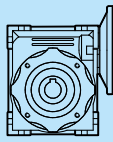
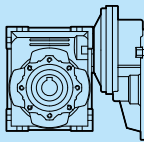
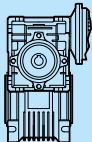
Tabella dati tecnici motoriduttori / Table technical data gearmotors

 Pn_1 (kW)	 n_2 (min ⁻¹)	 M_2 (Nm)	fs	i				FR_2 (N)
0.37								
M1 080 0.37 6P. ($n_1 = 900 \text{ min}^{-1}$)	180	17	4.3	5	VP050			1827
	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 : $M_{m2} = M_2 \times fs$

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

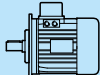
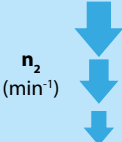
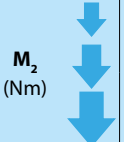
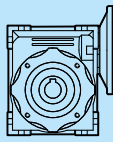
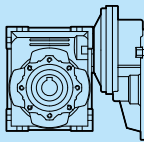
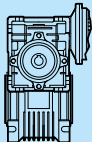
Tabella dati tecnici motoriduttori / Table technical data gearmotors

 P_{n1} (kW)	 n_2 (min ⁻¹)	 M_2 (Nm)	f_s	i				FR_2 (N)
0.55								
M1 071 0.55 2P.. ($n_1 = 2800 \text{ min}^{-1}$)	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.. ($n_1 = 1400 \text{ min}^{-1}$)	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 f_s : $M_{m2} = M_2 \times f_s$

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

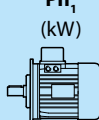
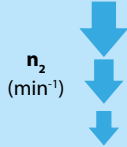
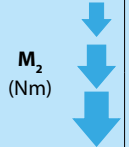
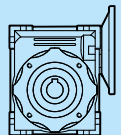
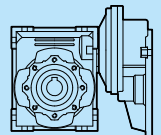
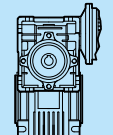
Tabella dati tecnici motoriduttori / Table technical data gearmotors

 Pn_1 (kW)	 n_2 (min ⁻¹)	 M_2 (Nm)	fs	i				FR_2 (N)
0.55								
M1 080 0.55 4P. ($n_1 = 1400 \text{ min}^{-1}$)	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. ($n_1 = 900 \text{ min}^{-1}$)	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 : $M_{m2} = M_2 \times fs$

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

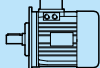
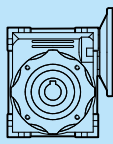
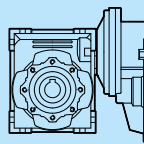
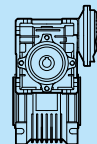
Tabella dati tecnici motoriduttori / Table technical data gearmotors

 Pn_1 (kW)	 n_2 (min ⁻¹)	 M_2 (Nm)	fs	i				FR_2 (N)
0.75								
M3 080 0.75 2P. ($n_1 = 2800 \text{ min}^{-1}$)	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. ($n_1 = 1400 \text{ min}^{-1}$)	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 : $M_{m2} = M_2 \times fs$

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

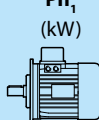
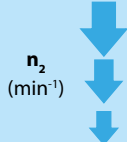
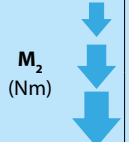
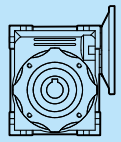
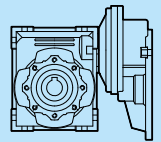
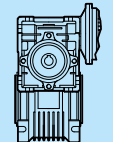
Tabella dati tecnici motoriduttori / Table technical data gearmotors

 Pn_1 (kW)	 n_2 (min ⁻¹)	 M_2 (Nm)	fs	i				FR_2 (N)
0.75								
M3 080 0.75 4P. ($n_1 = 1400 \text{ min}^{-1}$)	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. ($n_1 = 900 \text{ min}^{-1}$)	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 : $M_{m2} = M_2 \times fs$

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

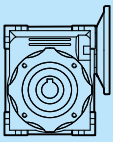
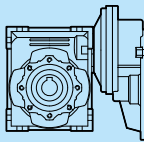
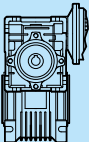
Tabella dati tecnici motoriduttori / Table technical data gearmotors

 Pn_1 (kW)	 n_2 (min ⁻¹)	 M_2 (Nm)	fs	i				FR_2 (N)
1.10								
M3 080 1.10 2P.. ($n_1 = 2800 \text{ min}^{-1}$)	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.. ($n_1 = 900 \text{ min}^{-1}$)	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 : $M_{m2} = M_2 \times fs$

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

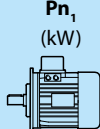
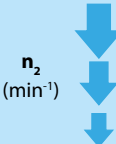
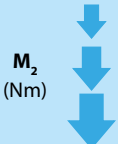
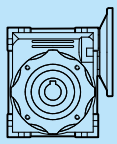
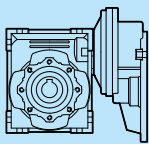
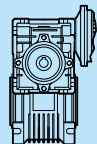
Tabella dati tecnici motoriduttori / Table technical data gearmotors

 Pn_1 (kW)	 n_2 (min ⁻¹)	 M_2 (Nm)	fs	i				FR_2 (N)
1.10								
M3 090 1.10 4P. ($n_1 = 1400 \text{ min}^{-1}$)	9	686	1.1	100	VP130	VR090/110 VR090/110		13500
	7.3	890	1.2	122.5				10320
	6.1	1000	1	147				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	VR090/110 VR090/110 VR090/130		6783
	17.5	402	1.3	80	VP110			8571
	17.5	408	2.1	80	VP130			11210
	14.3	508	1.8	98				9133
	14	473	1	100	VP110			9232
	14	480	1.5	100	VP130			12076
	11.4	599	1.5	122.5				9838
	9.5	686	1.1	147				10320
	7.1	828*	0.8*	196				10320
	5.7	962*	0.9*	245				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 : $M_{m2} = M_2 \times fs$

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

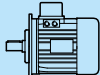
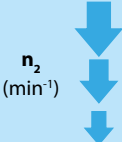
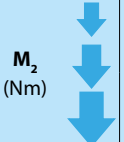
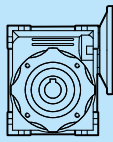
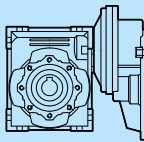
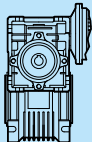
Tabella dati tecnici motoriduttori / Table technical data gearmotors

 Pn_1 (kW)	 n_2 (min ⁻¹)	 M_2 (Nm)	fs	i				FR_2 (N)
1.50								
M3 100 1.50 6P.. ($n_1 = 900 \text{ min}^{-1}$)	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.. ($n_1 = 1400 \text{ min}^{-1}$)	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 : $M_{m2} = M_2 \times fs$

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

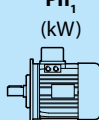
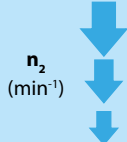
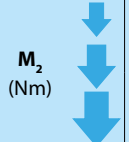
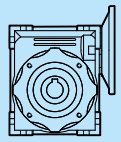
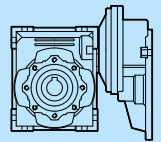
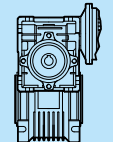
Tabella dati tecnici motoriduttori / Table technical data gearmotors

 Pn_1 (kW)	 n_2 (min ⁻¹)	 M_2 (Nm)	fs	i				FR_2 (N)
1.50								
M3 090 1.50 4P. ($n_1 = 1400 \text{ min}^{-1}$)	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. ($n_1 = 2800 \text{ min}^{-1}$)	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. ($n_1 = 1400 \text{ min}^{-1}$)	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 : $M_{m2} = M_2 \times fs$

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

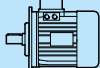
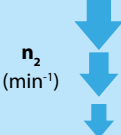
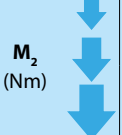
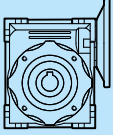
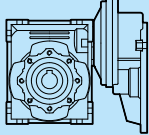
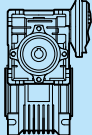
Tabella dati tecnici motoriduttori / Table technical data gearmotors

 Pn_1 (kW)	 n_2 (min ⁻¹)	 M_2 (Nm)	fs	i				FR_2 (N)
2.20								
M3 100 2.20 4P. ($n_1 = 1400 \text{ min}^{-1}$)	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. ($n_1 = 900 \text{ min}^{-1}$)	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. ($n_1 = 2800 \text{ min}^{-1}$)	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 : $M_{m2} = M_2 \times fs$

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

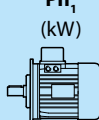
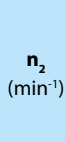
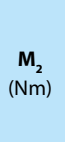
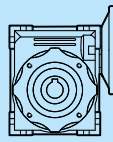
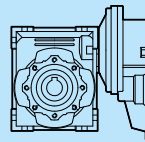
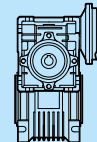
Tabella dati tecnici motoriduttori / Table technical data gearmotors

 Pn_1 (kW)	 n_2 (min ⁻¹)	 M_2 (Nm)	fs	i				FR_2 (N)
2.20								
M3 090 2.20 2P. ($n_1 = 2800 \text{ min}^{-1}$)	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. ($n_1 = 2800 \text{ min}^{-1}$)	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. ($n_1 = 1400 \text{ min}^{-1}$)	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 : $M_{m2} = M_2 \times fs$

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

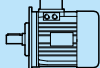
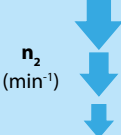
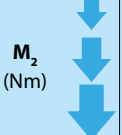
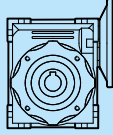
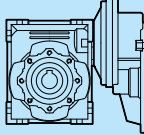
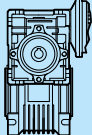
Tabella dati tecnici motoriduttori / Table technical data gearmotors

 Pn_1 (kW)	 n_2 (min ⁻¹)	 M_2 (Nm)	fs	i				FR_2 (N)
3.00								
M3 100 3.00 4P. ($n_1 = 1400 \text{ min}^{-1}$)	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. ($n_1 = 900 \text{ min}^{-1}$)	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. ($n_1 = 2800 \text{ min}^{-1}$)	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. ($n_1 = 1400 \text{ min}^{-1}$)	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. ($n_1 = 900 \text{ min}^{-1}$)	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 : $M_{m2} = M_2 \times fs$

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

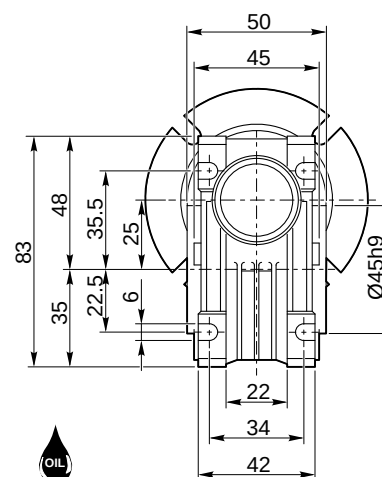
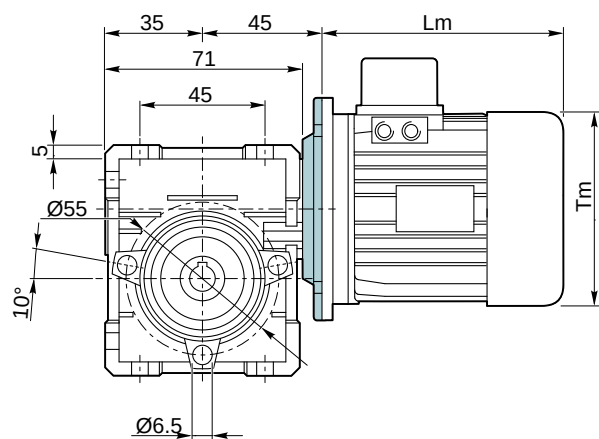
Tabella dati tecnici motoriduttori / Table technical data gearmotors

 Pn_1 (kW)	 n_2 (min ⁻¹)	 M_2 (Nm)	fs	i				FR_2 (N)
4.00								
M3 132 4.00 6P.. ($n_1 = 900 \text{ min}^{-1}$)	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.. ($n_1 = 1400 \text{ min}^{-1}$)	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.. ($n_1 = 1400 \text{ min}^{-1}$)	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.. ($n_1 = 1400 \text{ min}^{-1}$)	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.. ($n_1 = 1400 \text{ min}^{-1}$)	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 : $M_{m2} = M_2 \times fs$

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

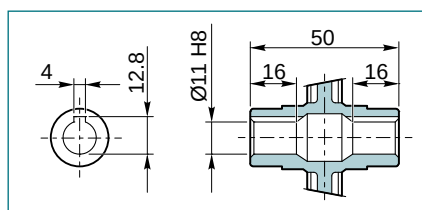
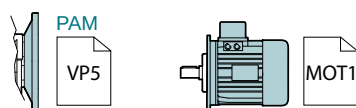
VP 025 P...



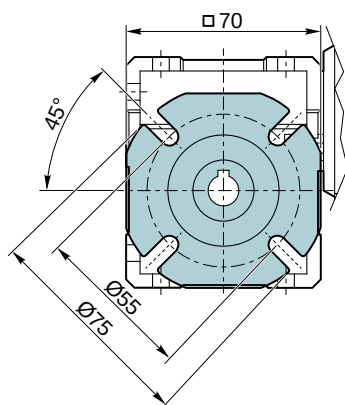
Albero uscita / Output shaft

Kg
0.7 kg

OIL
0.02 l

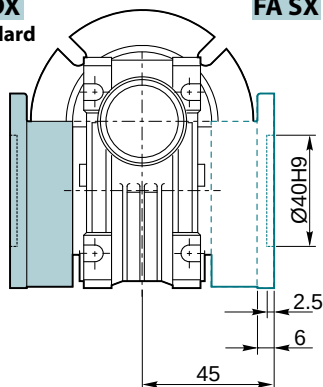


VP 025 F...

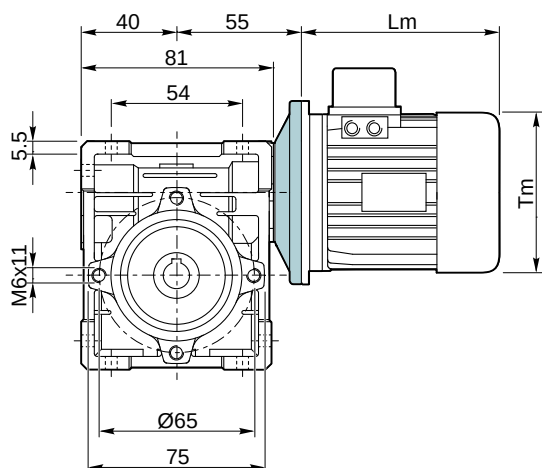


FA DX
Standard

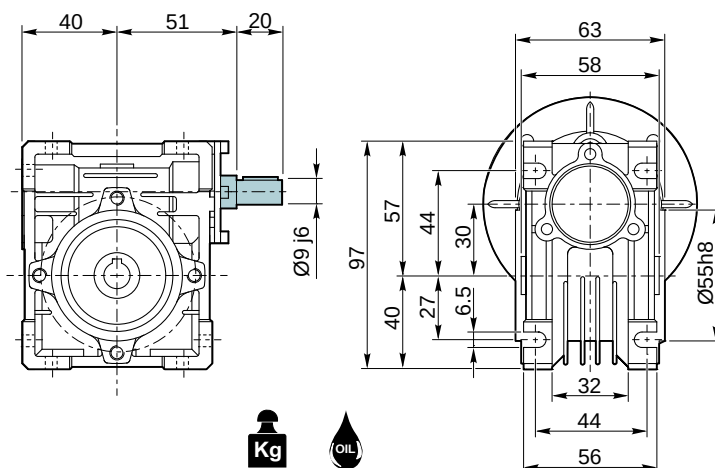
FA SX



VP 030 P ...



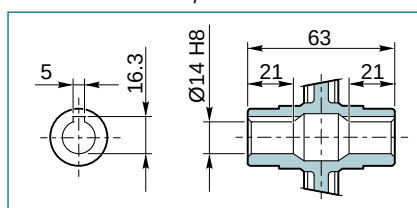
VI 030 P ...



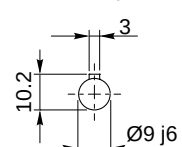
Kg
1.2 kg

(OIL)
0.04 l

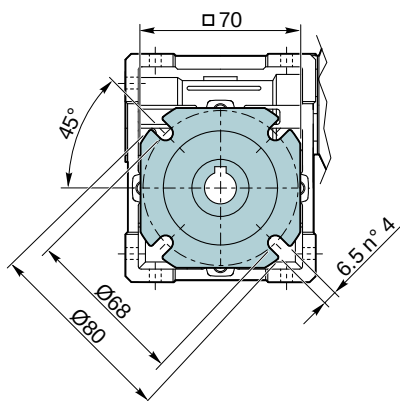
Albero uscita / Output shaft



Albero entrata / Input shaft

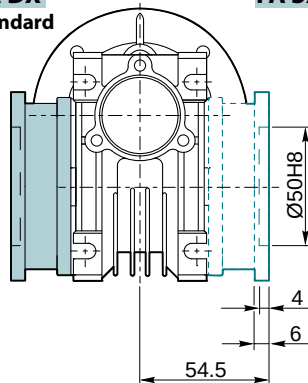


VP 030 F... / VI 030 F...

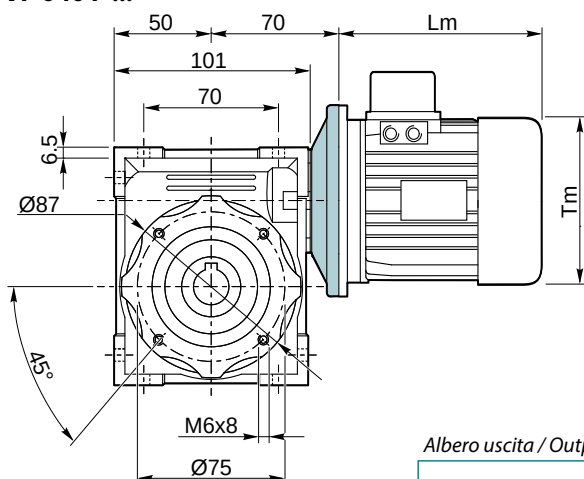


FA DX
Standard

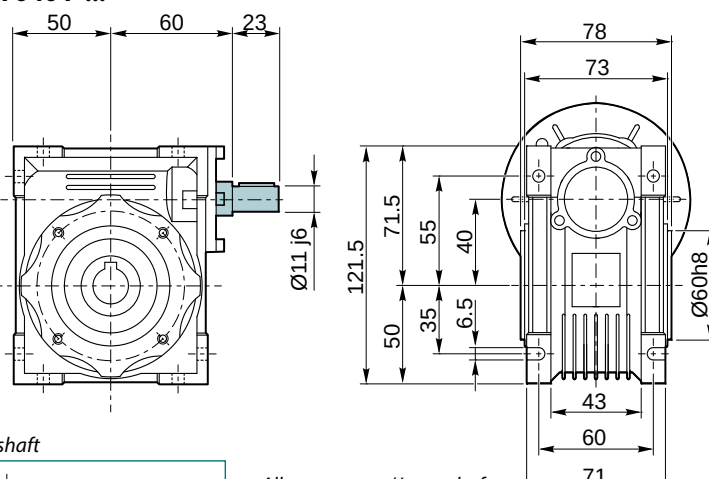
FA SX



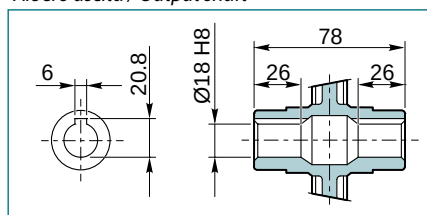
VP 040 P ...



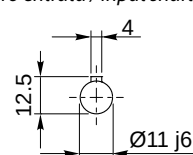
VI 040 P ...



Albero uscita / Output shaft



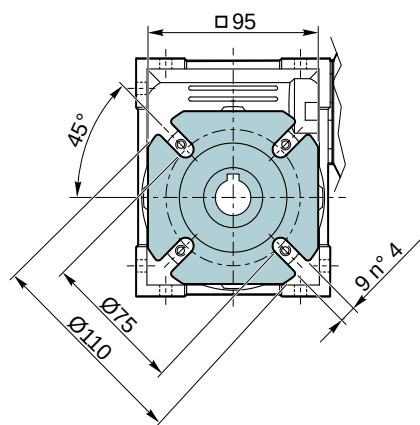
Albero entrata / Input shaft



Kg
2.3 kg

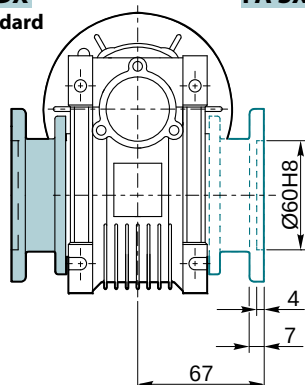
OIL
0.08 l

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



FA DX

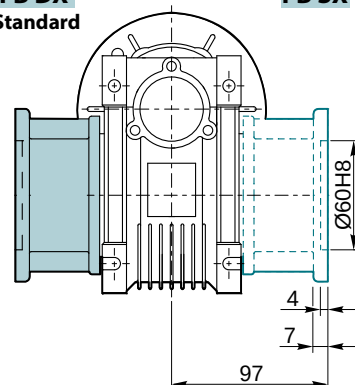
Standard



FA SX

FB DX

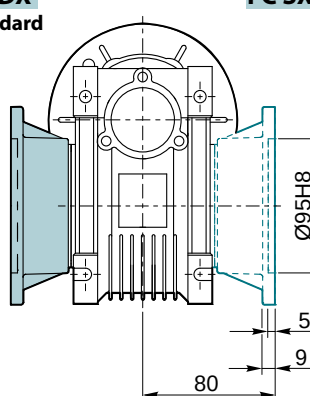
Standard



FB SX

FC DX

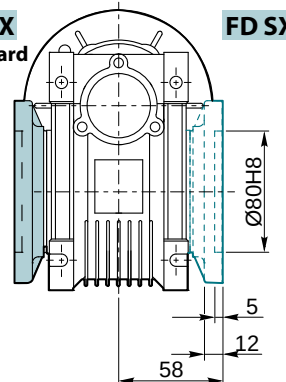
Standard



FC SX

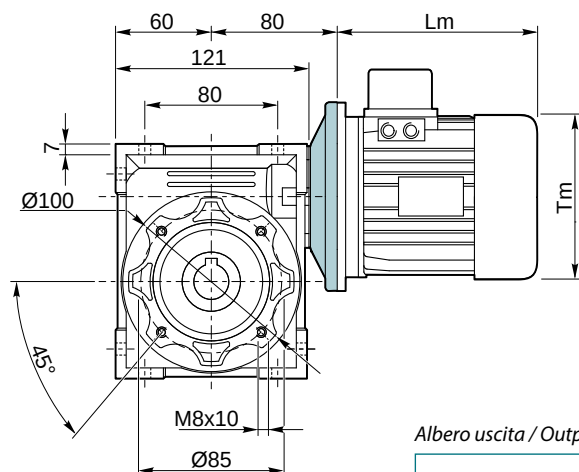
FD DX

Standard

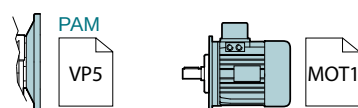
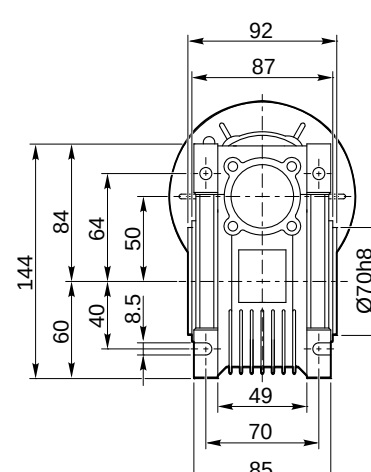
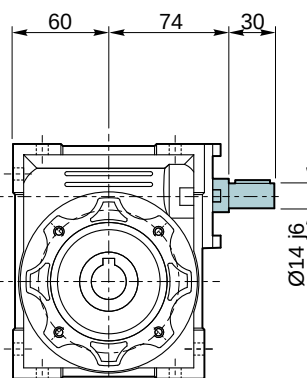


FD SX

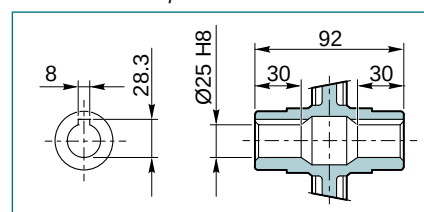
VP 050 P ...



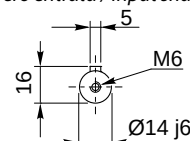
VI 050 P ...



Albero uscita / Output shaft



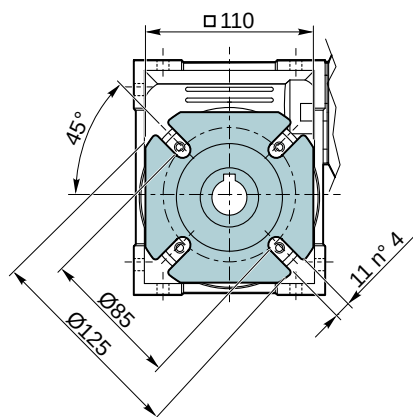
Albero entrata / Input shaft



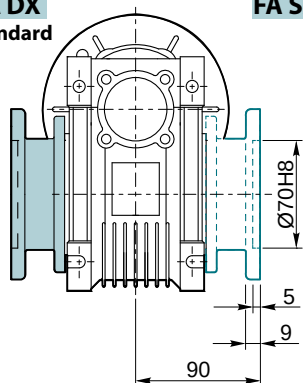
Kg
3.5 kg

(OIL)
0.15 l

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

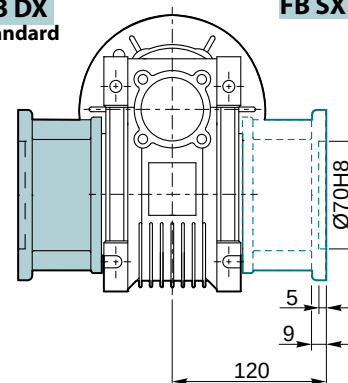


FA DX
Standard



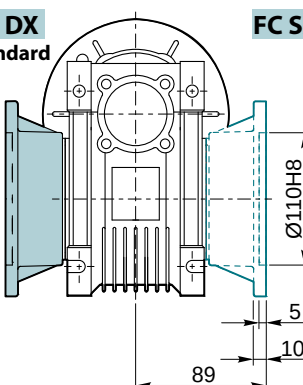
FA SX

FB DX
Standard



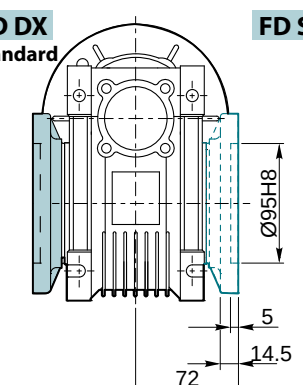
FB SX

FC DX
Standard

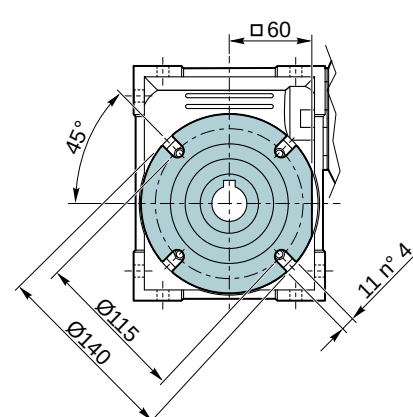
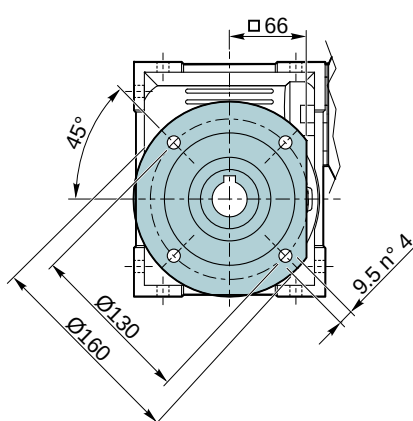


FC SX

FD DX
Standard

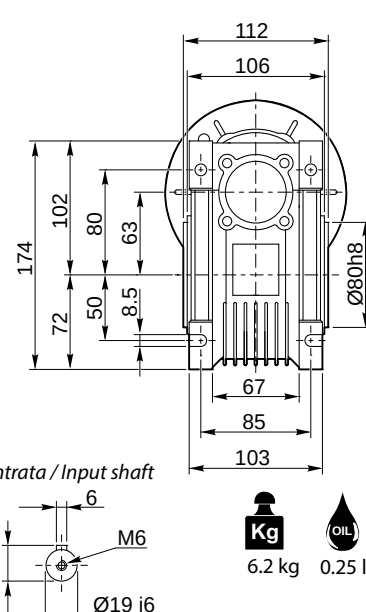
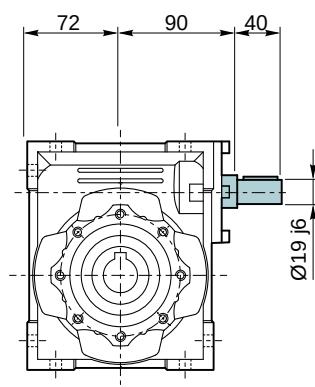
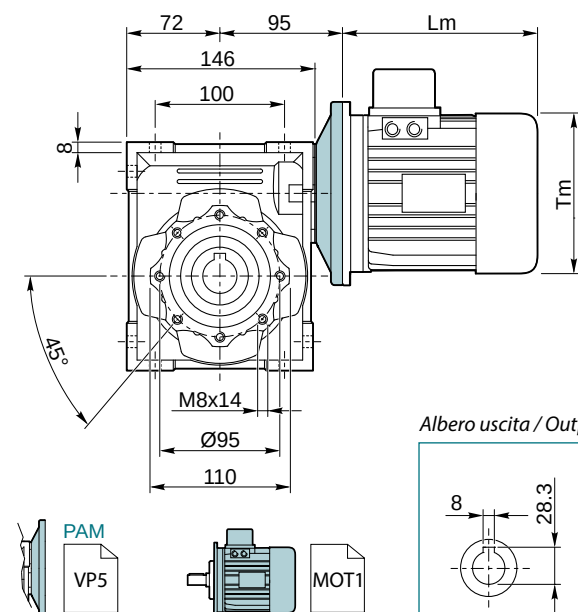


FD SX

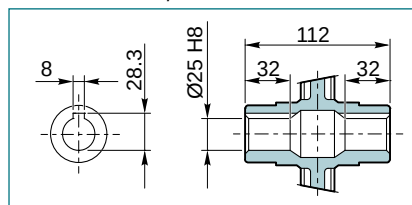


VP 063 P ...

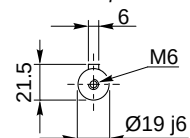
VI 063 P ...



Albero uscita / Output shaft



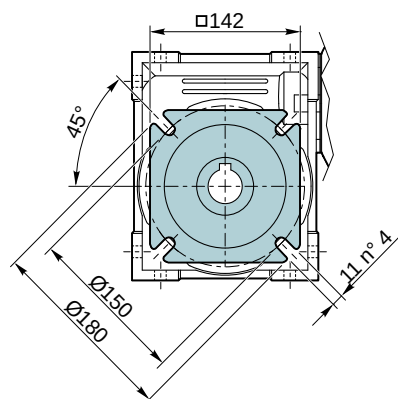
Albero entrata / Input shaft



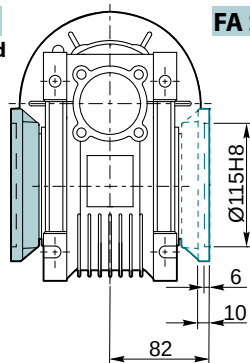
Kg
6.2 kg

OIL
0.25 l

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

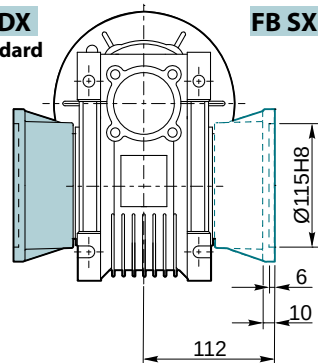


FA DX
Standard



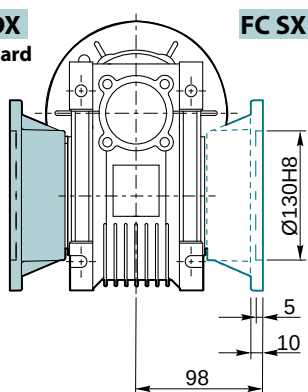
FA SX

FB DX
Standard



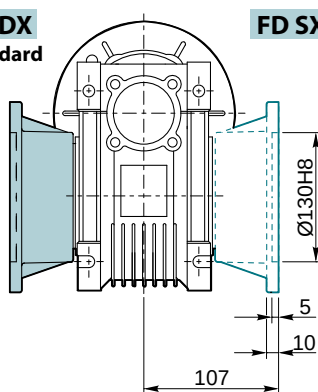
FB SX

FC DX
Standard



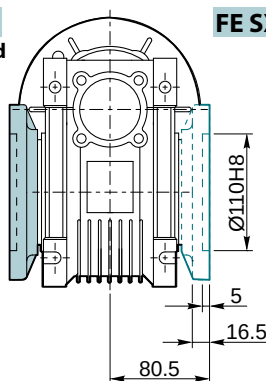
FC SX

FD DX
Standard



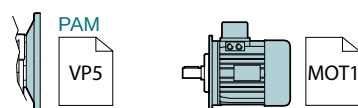
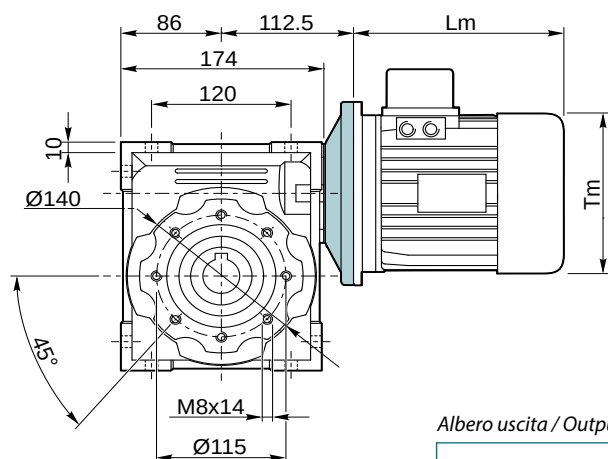
FD SX

FE DX
Standard

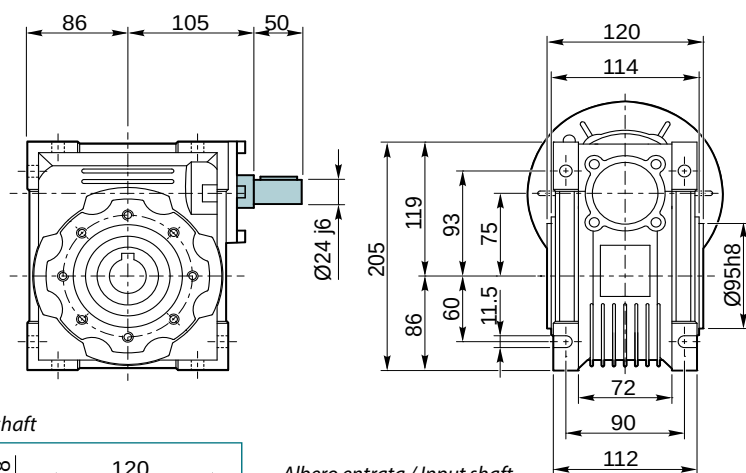


FE SX

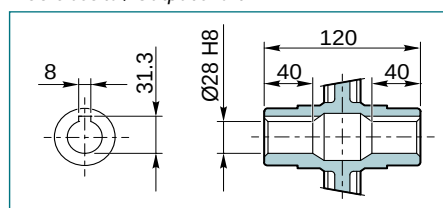
VP 075 P...



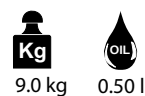
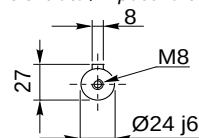
VI 075 P...



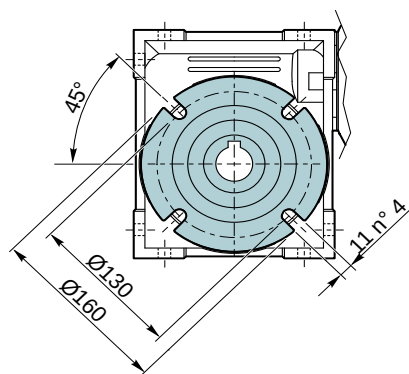
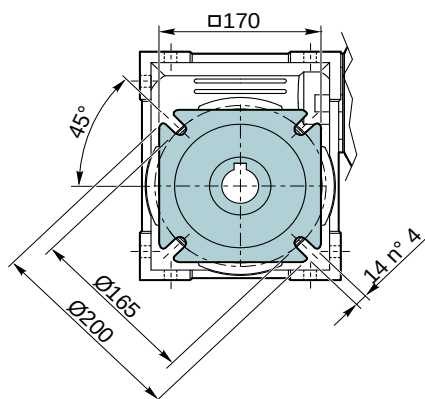
Albero uscita / Output shaft



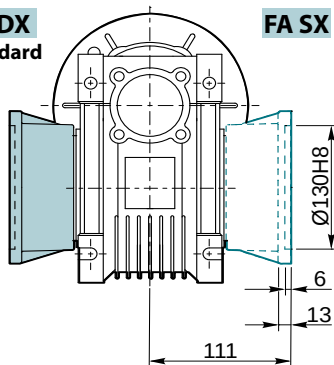
Albero entrata / Input shaft



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

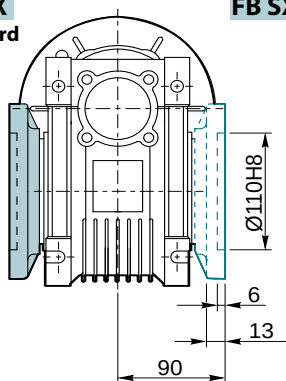


FA DX
Standard



FA SX

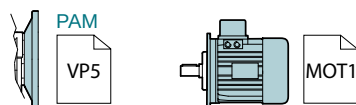
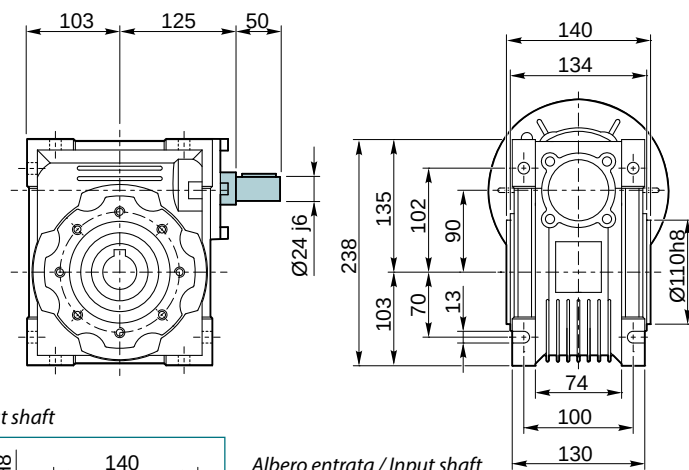
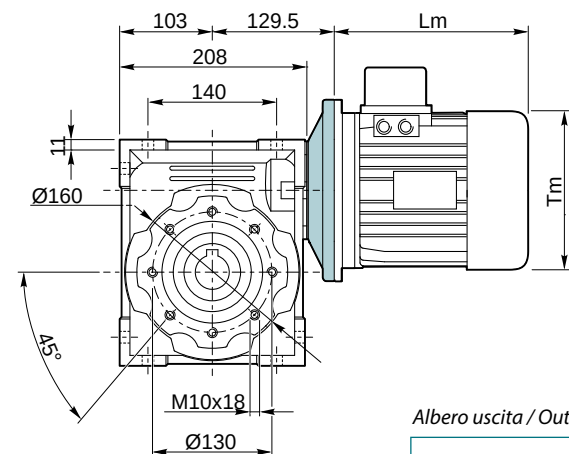
FB DX
Standard



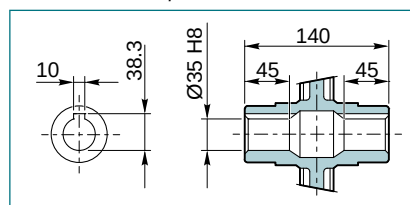
FB SX

VP 090 P ...

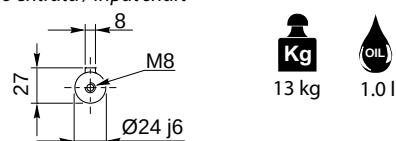
VI 090 P ...



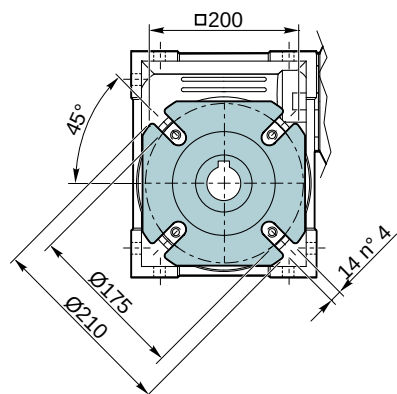
Albero uscita / Output shaft



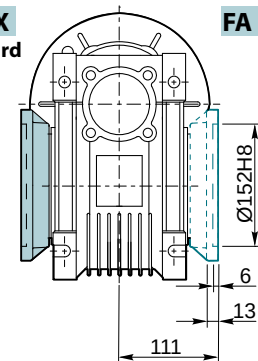
Albero entrata / Input shaft



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

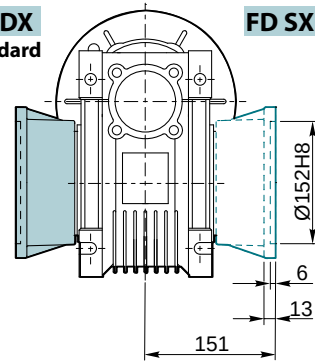


FA DX
Standard

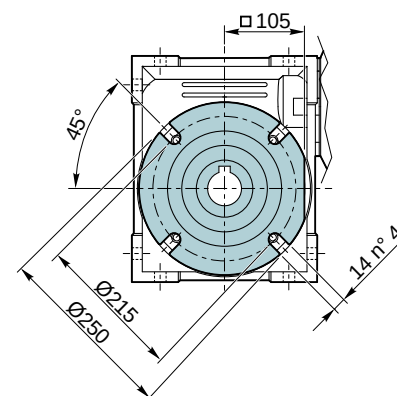


FA SX

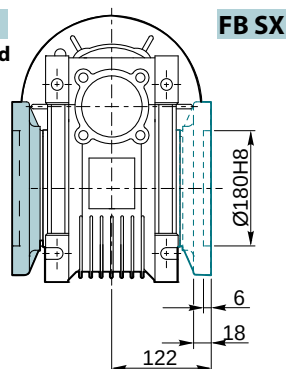
FD DX
Standard



FD SX

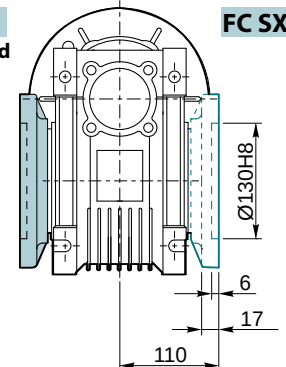


FB DX
Standard



FB SX

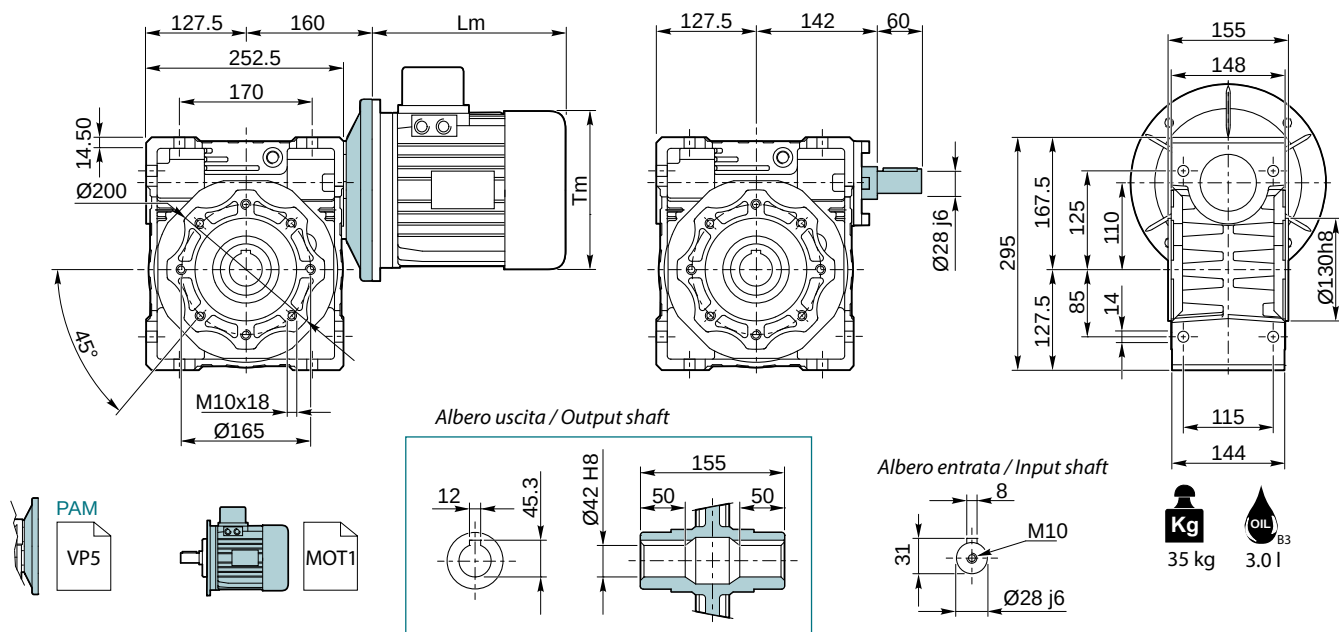
FC DX
Standard



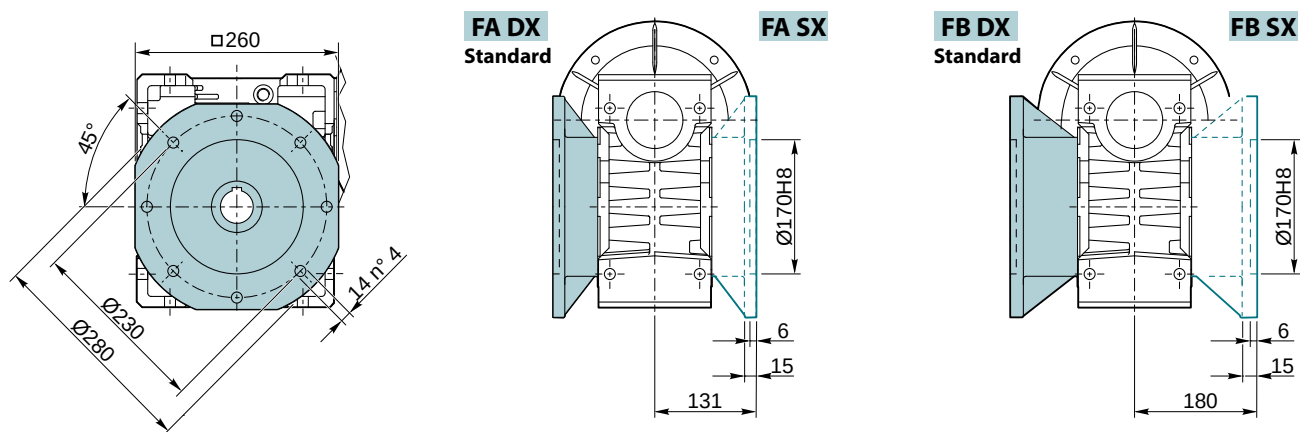
FC SX

VP 110 P...

VI 110 P...

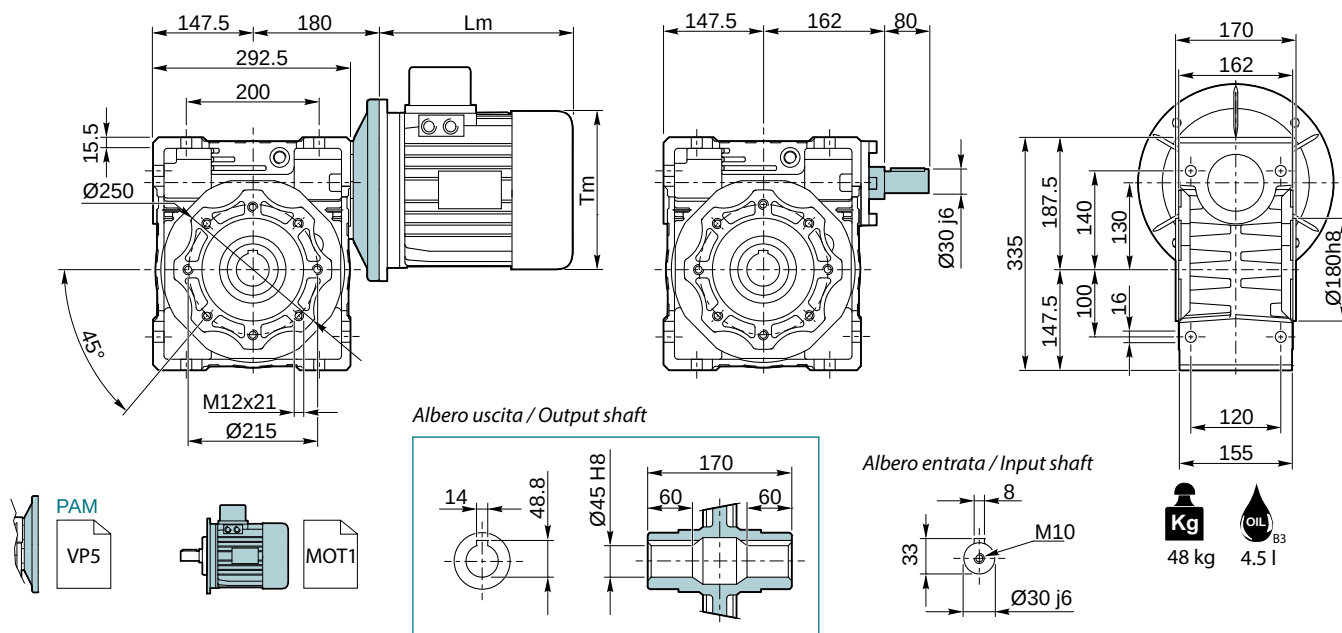


VP 110 F... / VI 110 F...

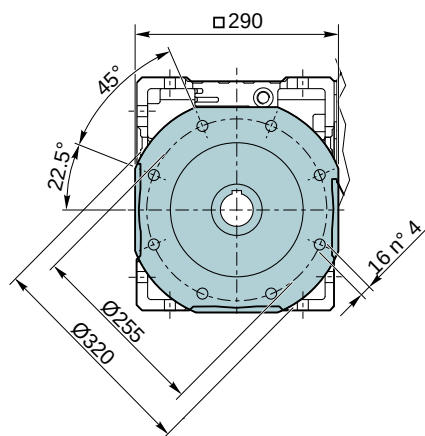


VP 130 P ...

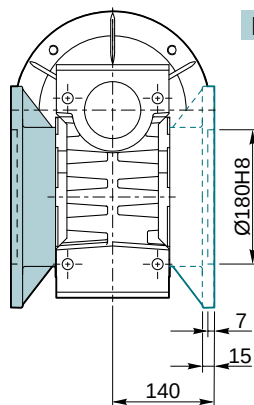
VI 130 P ...



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



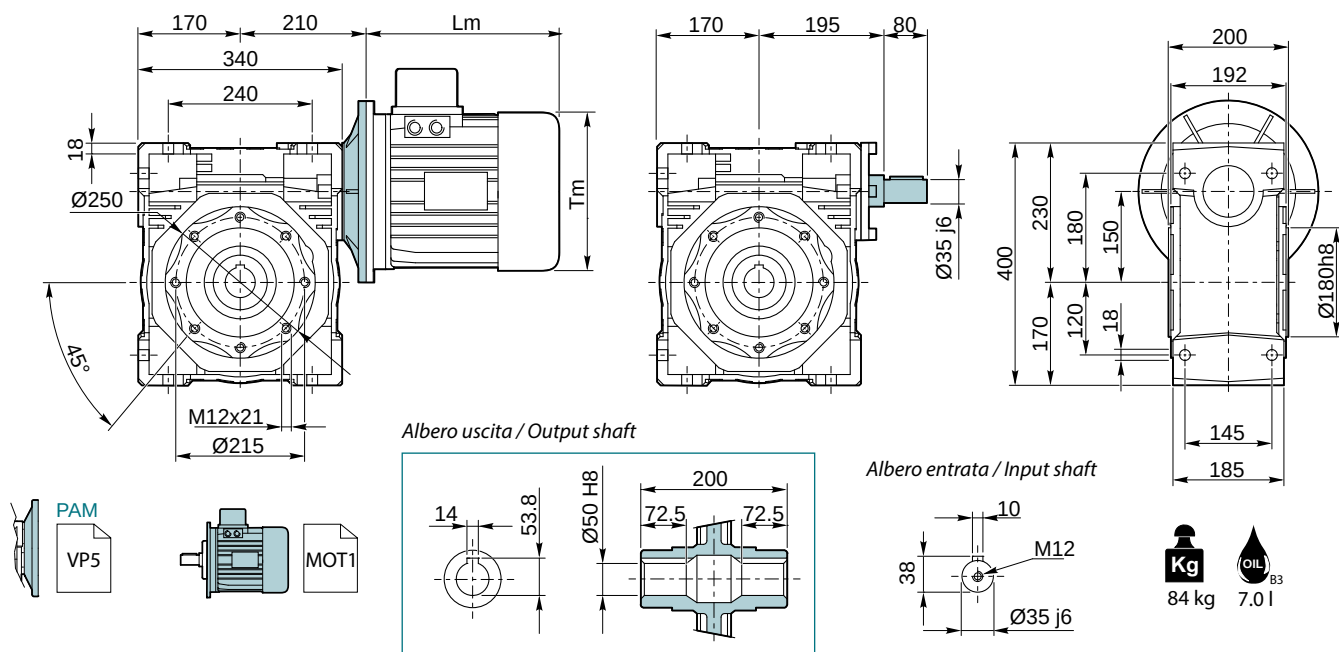
FA DX
Standard



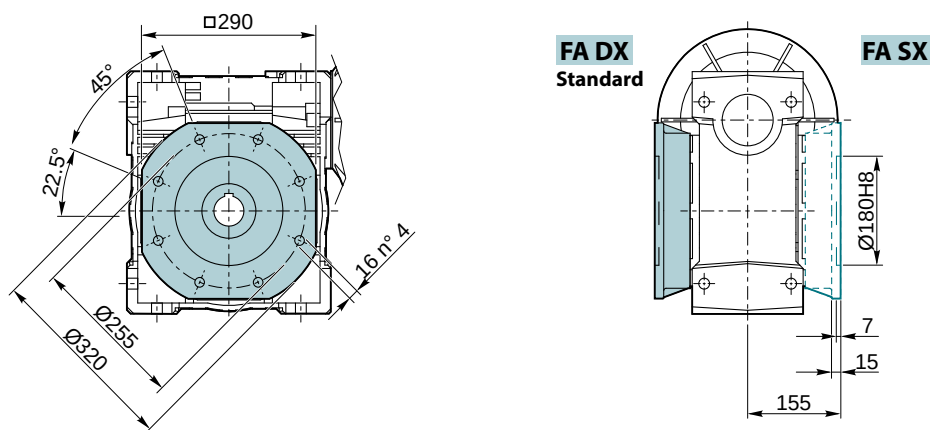
FA SX

VP 150 P ...

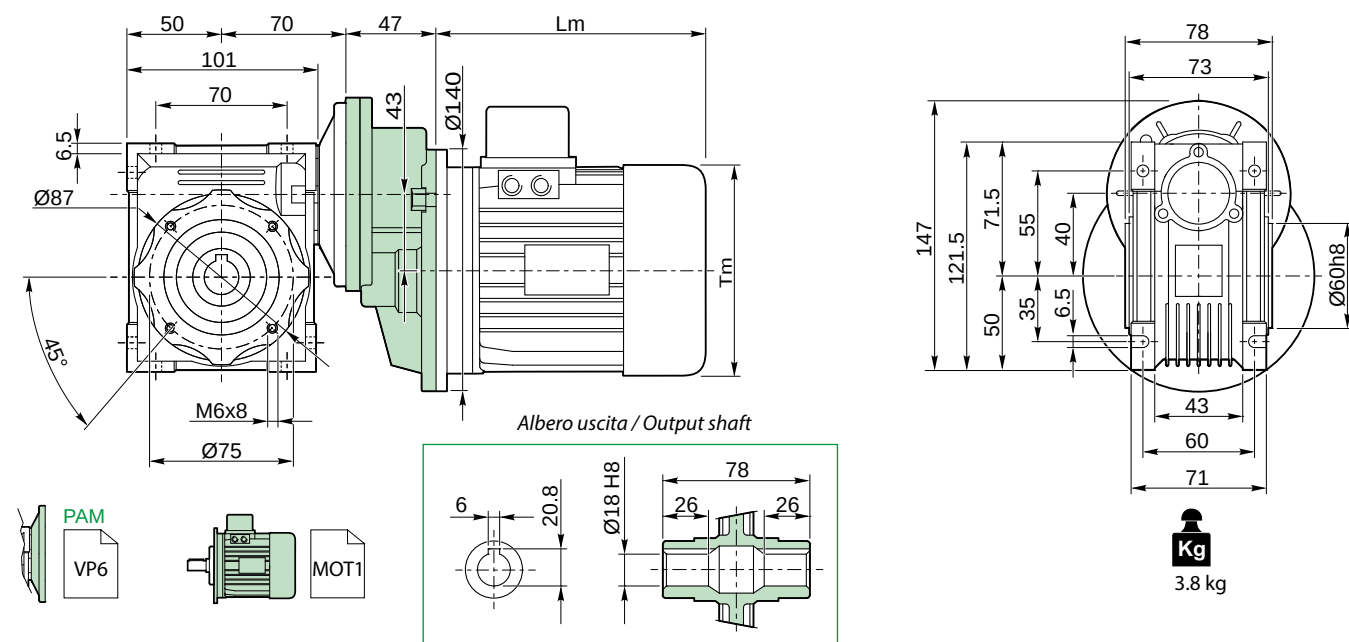
VI 150 P ...



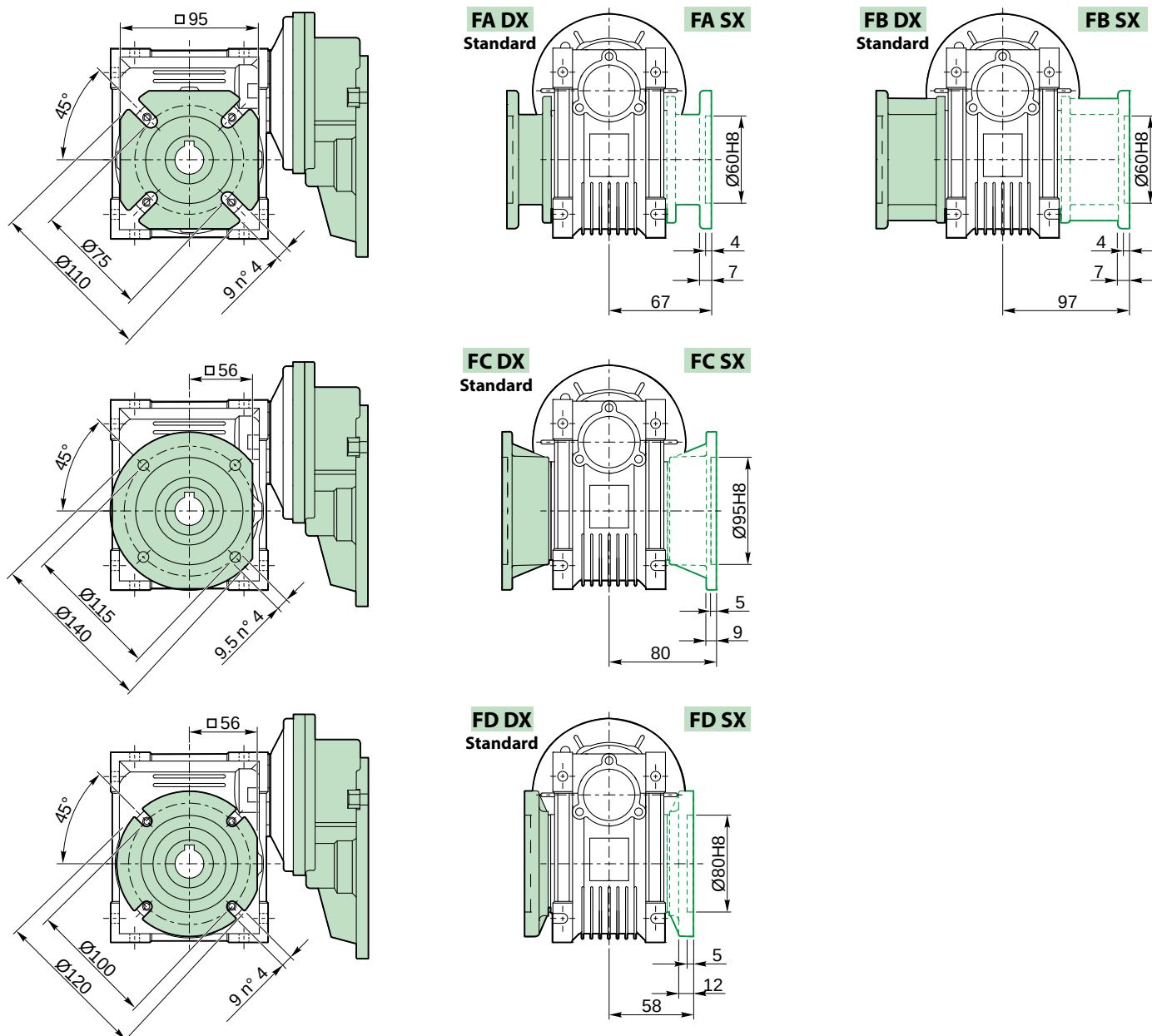
VP 150 F... / VI 150 F...



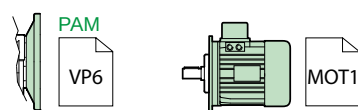
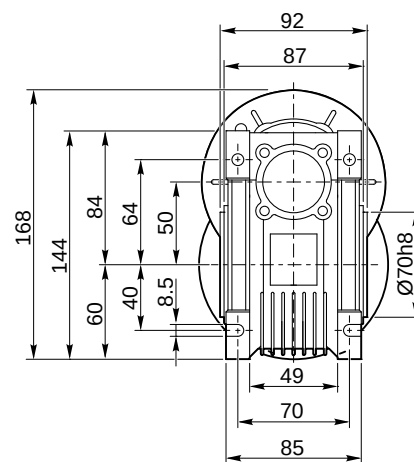
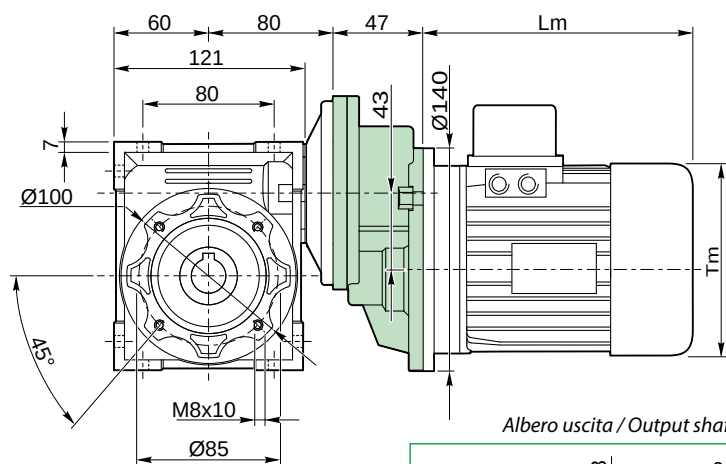
VR 063 / 040 P ...



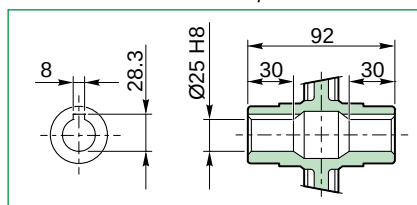
VR 063 / 040 F...



VR 063 / 050 P...

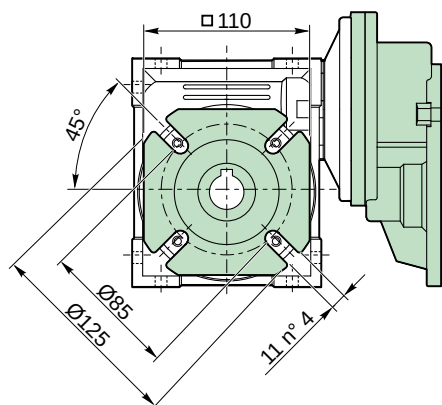


Albero uscita / Output shaft

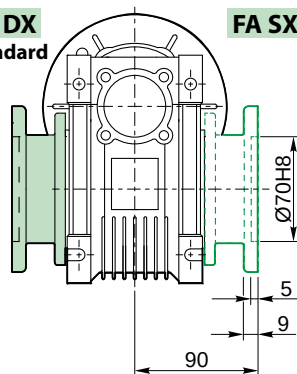


Kg
5 kg

VR 063 / 050 F...

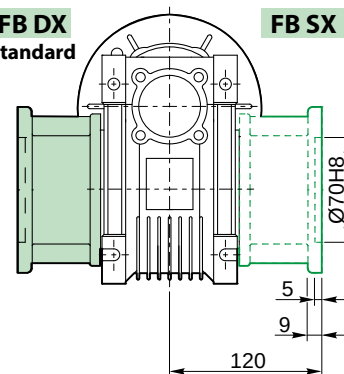


FA DX
Standard

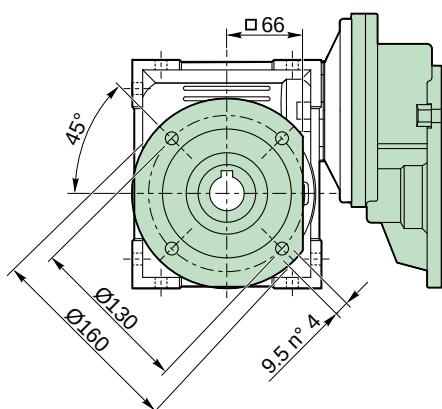


FA SX

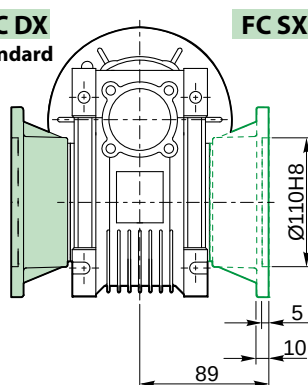
FB DX
Standard



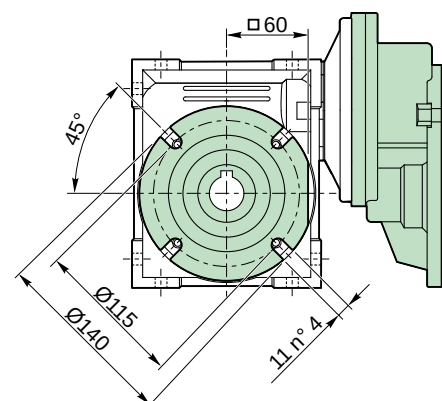
FB SX



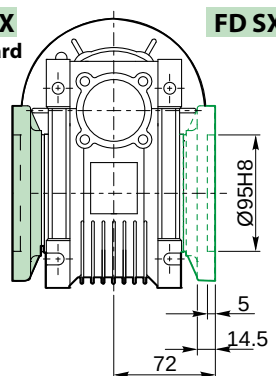
FC DX
Standard



FC SX

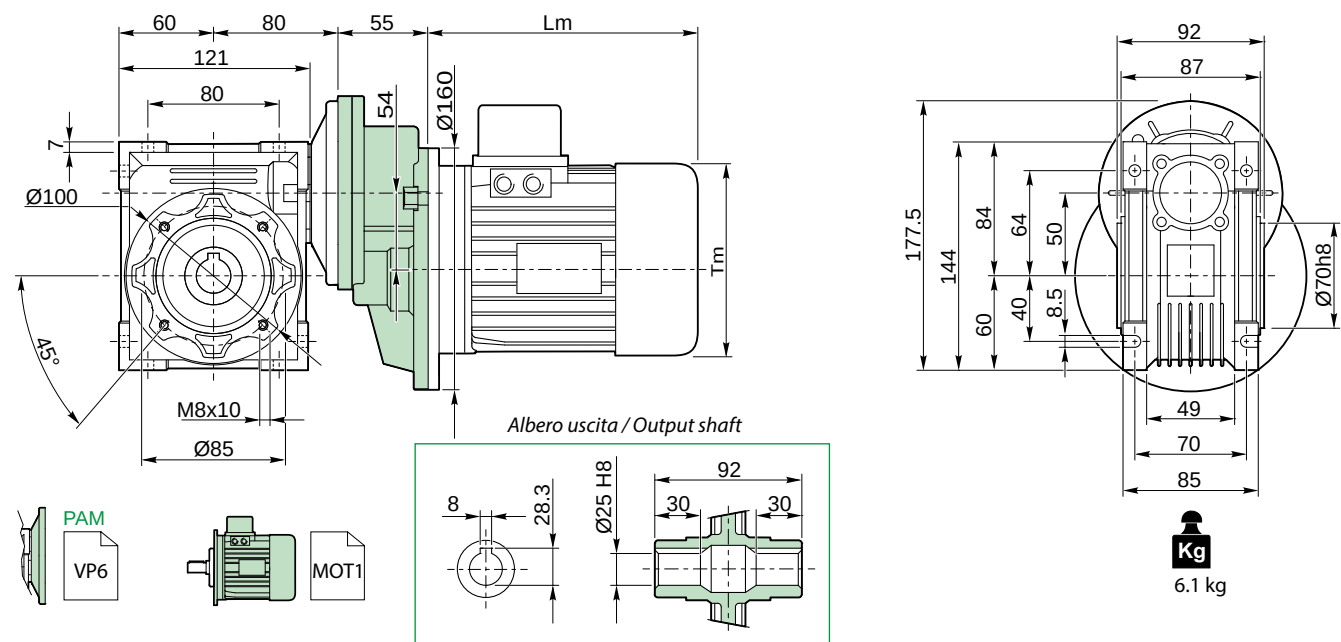


FD DX
Standard

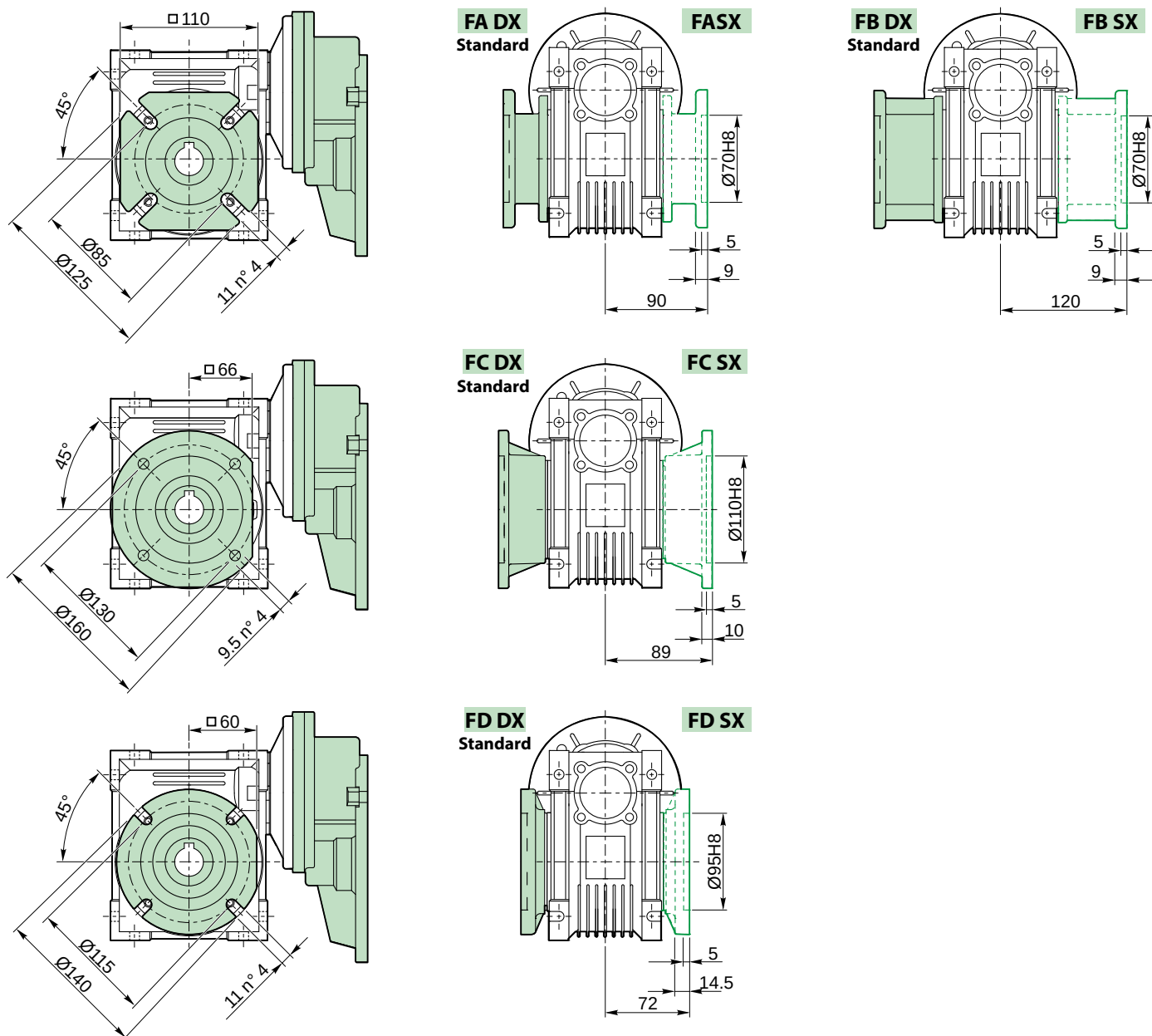


FD SX

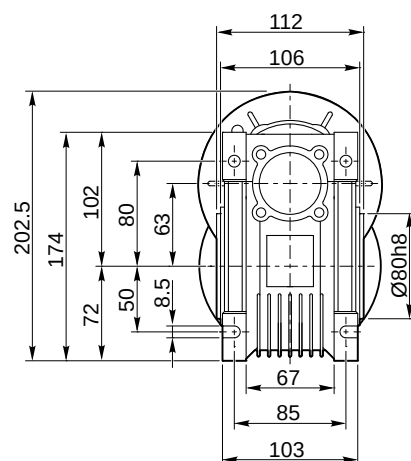
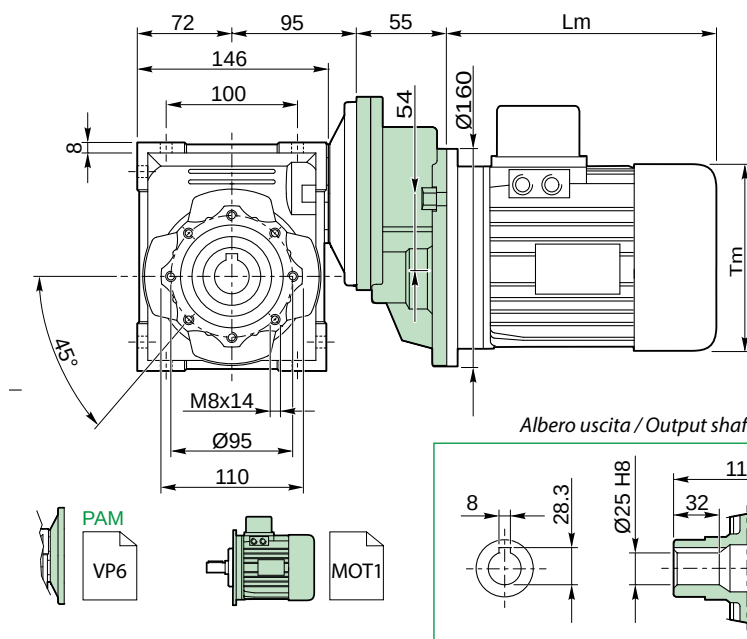
VR 071 / 050 P...



VR 071 / 050 F...

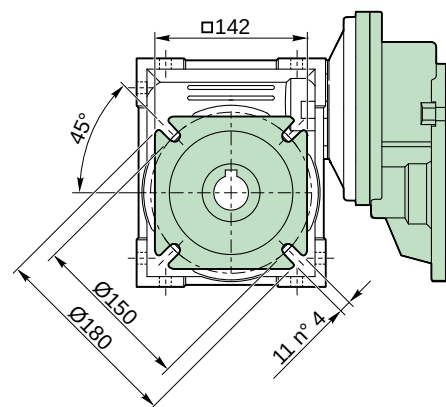


VR 071 / 063 P...

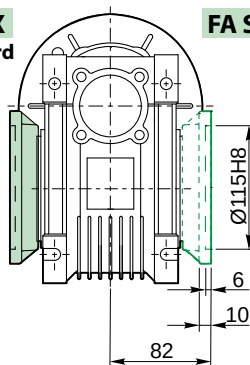


Kg
8.8 kg

VR 071 / 063 F...

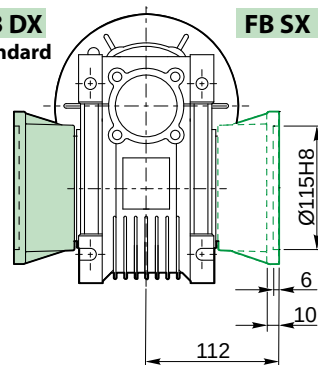


FA DX
Standard

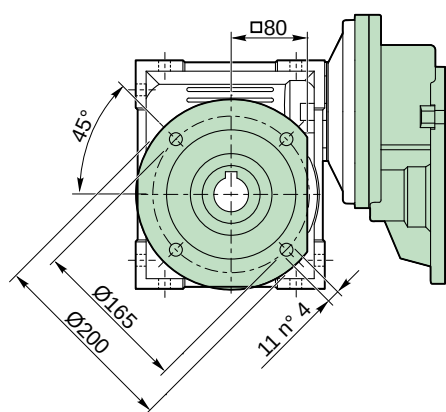


FA SX

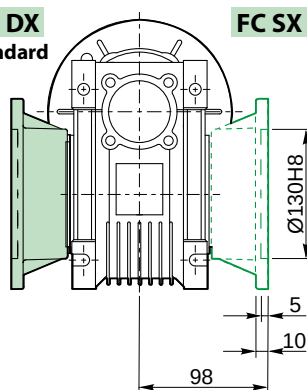
FB DX
Standard



FB SX

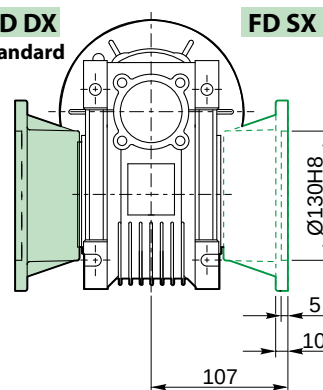


FC DX
Standard

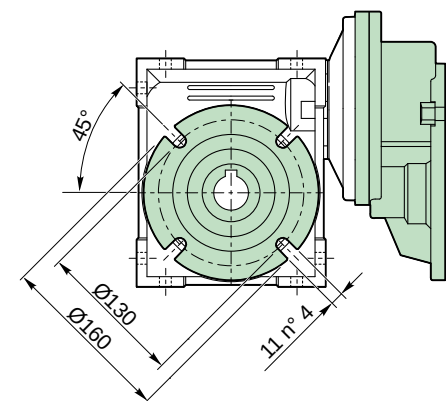


FC SX

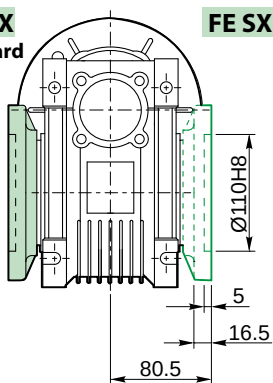
FD DX
Standard



FD SX



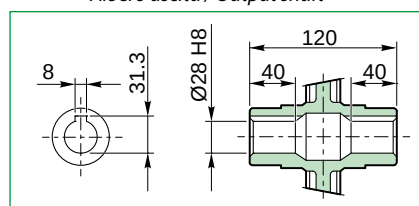
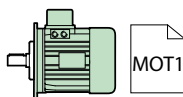
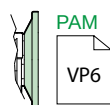
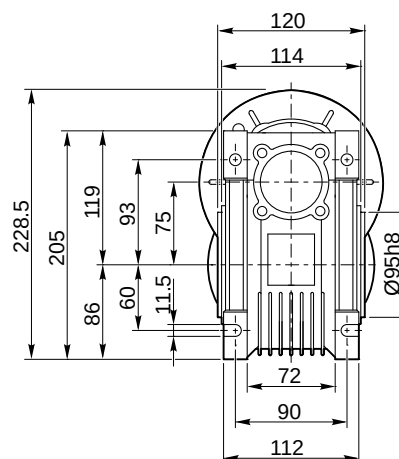
FE DX
Standard



FE SX

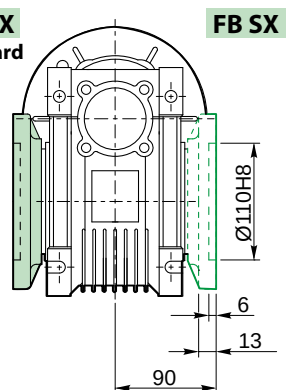
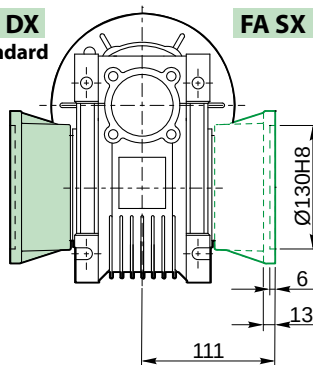
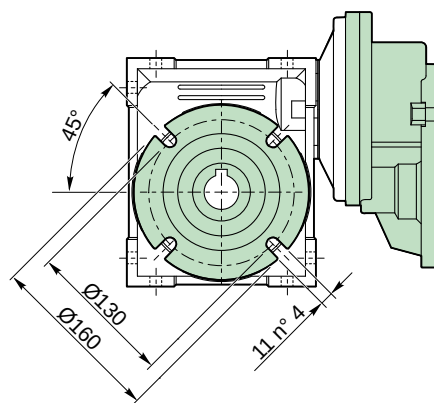
Technical drawing of the motor assembly showing front and side views with dimensions:

- Front View Dimensions:**
 - Total width: 86
 - Distance between mounting holes: 174
 - Inner square frame width: 120
 - Flange thickness: 10
 - Outer diameter of flange: Ø140
 - Mounting hole size: M8x14
 - Bottom mounting hole diameter: Ø115
 - Angle of mounting holes: 45°
- Side View Dimensions:**
 - Motor body length: Lm
 - Shaft diameter: Ø160
 - Flange thickness: 54
 - Shaft height from base: Tm

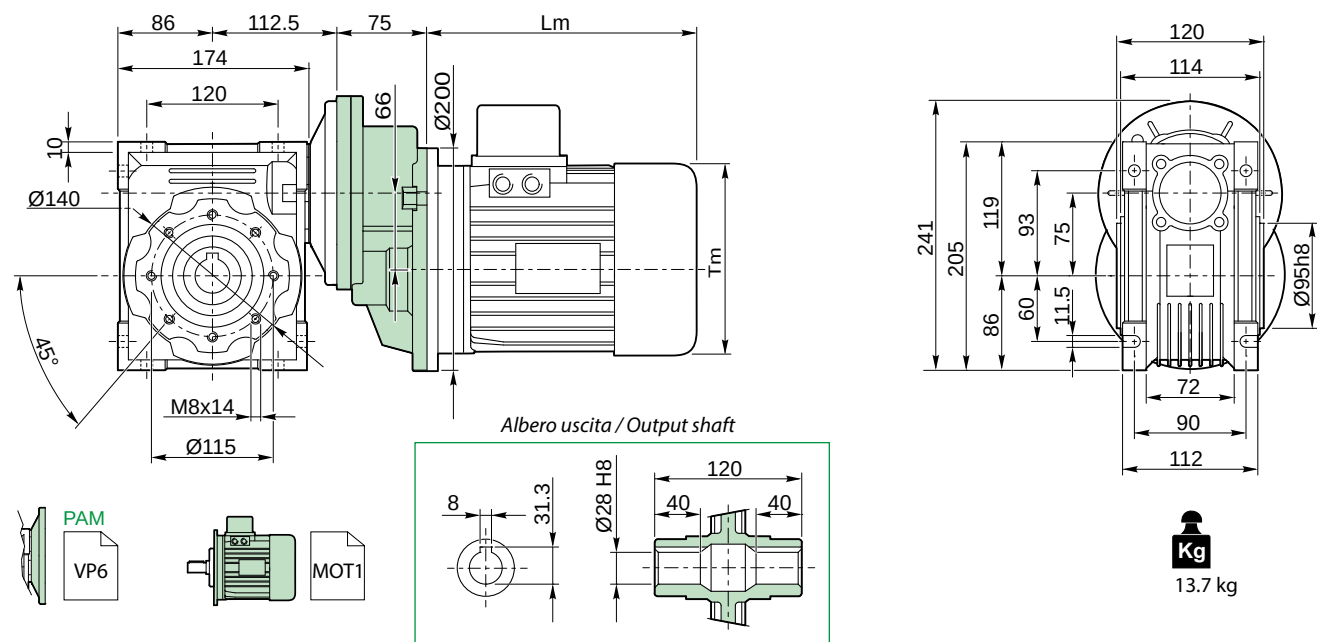


Albero uscita / Output shaft

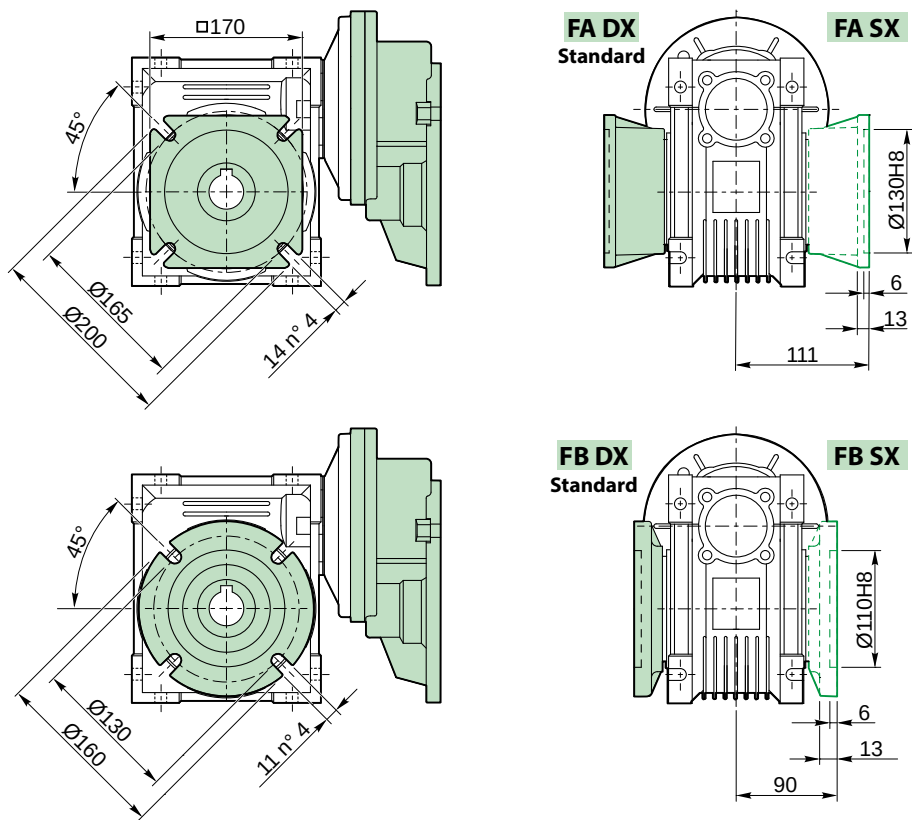
 11.6 kg

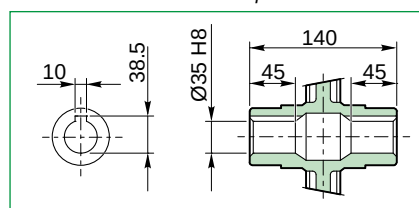
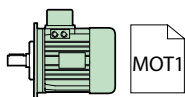
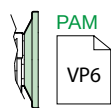
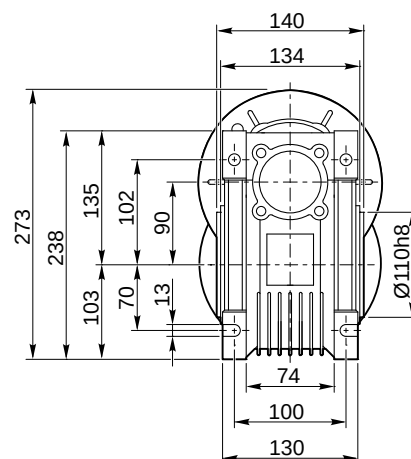


VR 080 / 075 P...



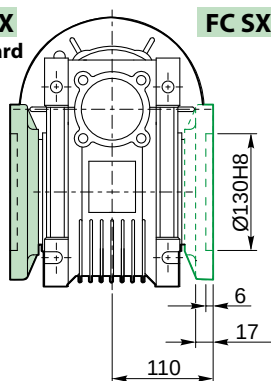
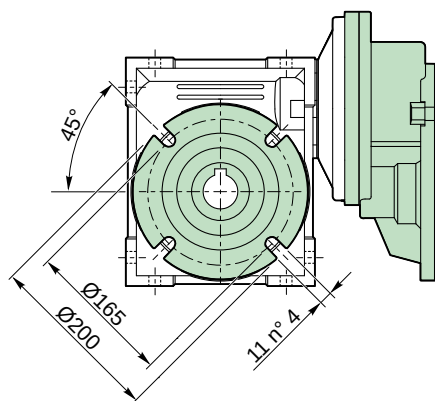
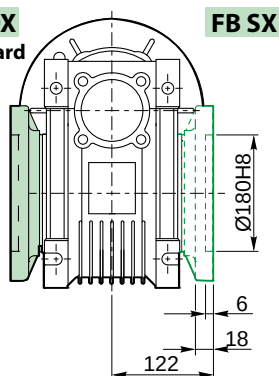
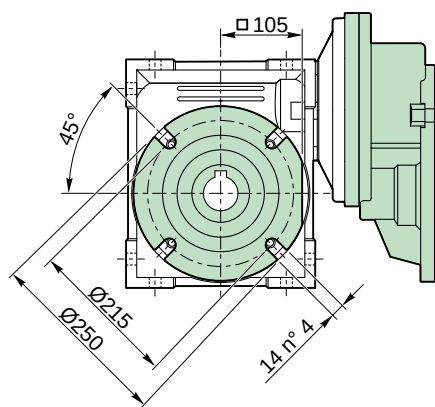
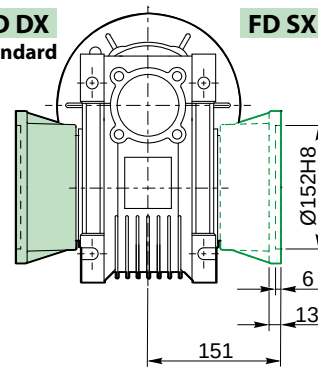
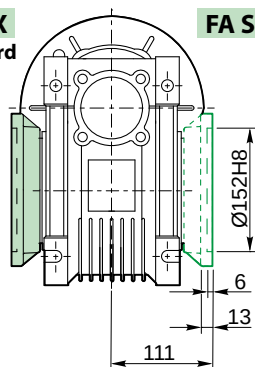
VR 080 / 075 F...



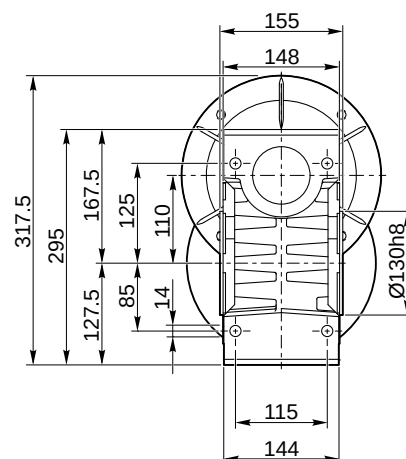
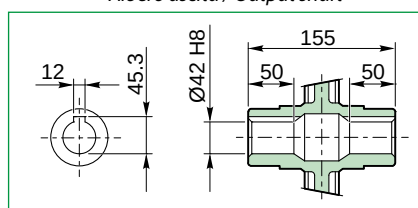
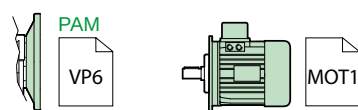
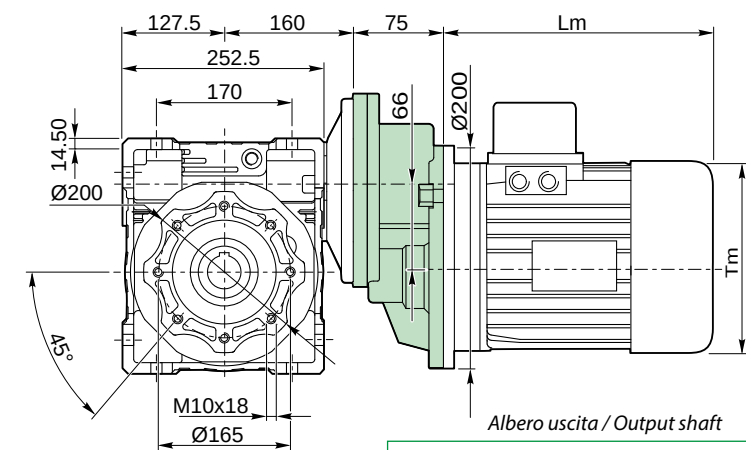
[illegible]

Albero uscita / Output shaft

 17.7 kg

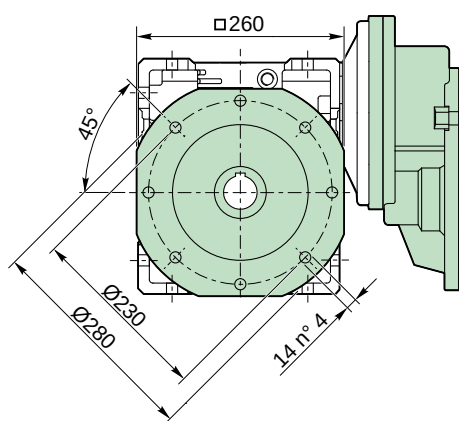


VR 080 / 110 P...

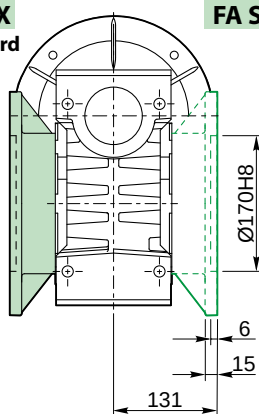


Kg
39.7 kg

VR 080 / 110 F...

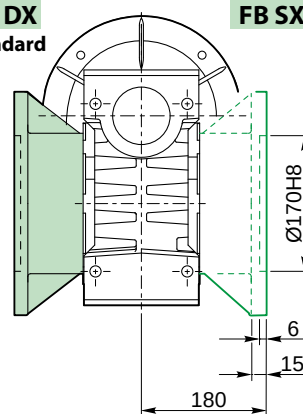


FA DX
Standard



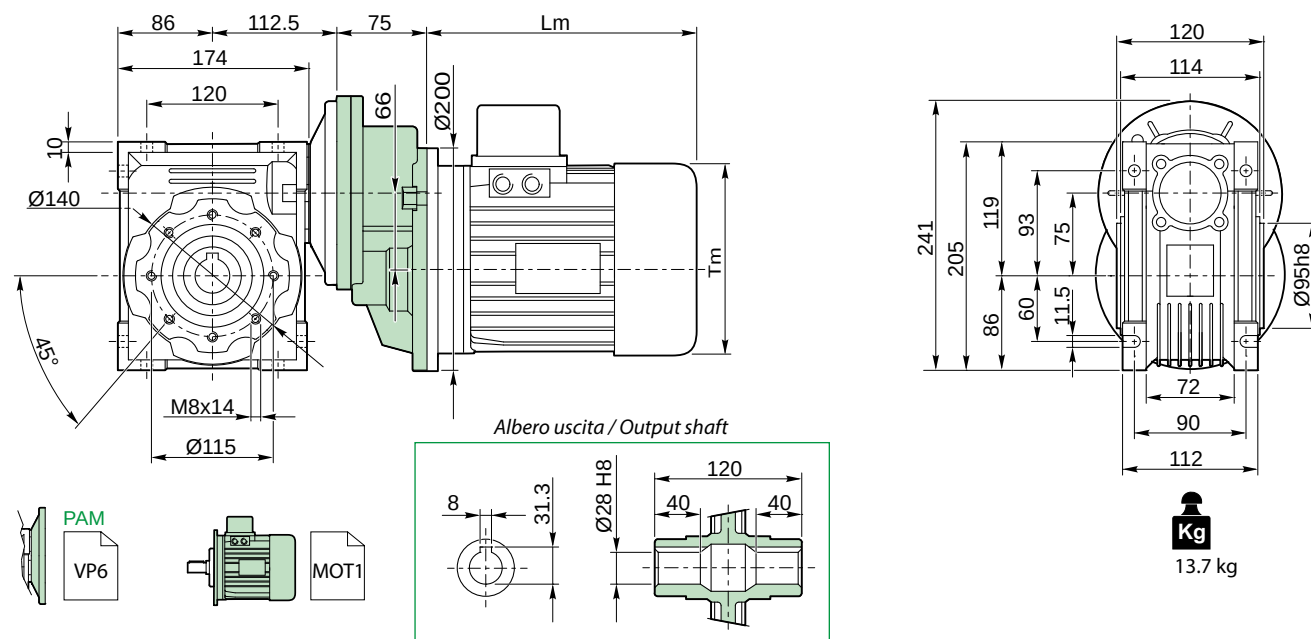
FA SX

FB DX
Standard

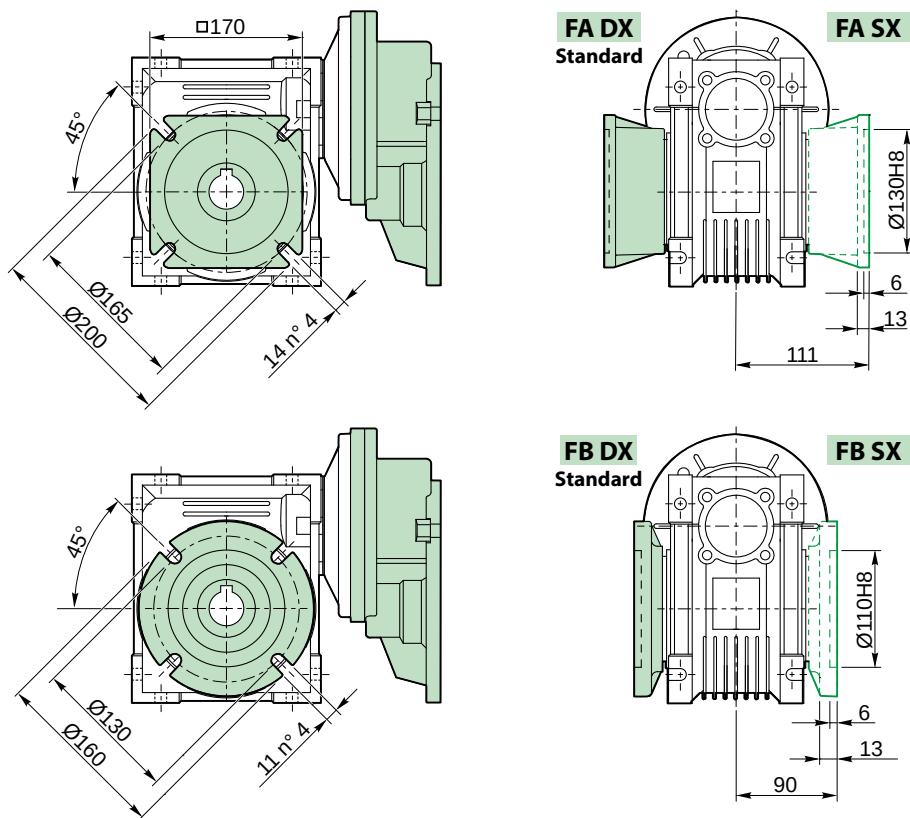


FB SX

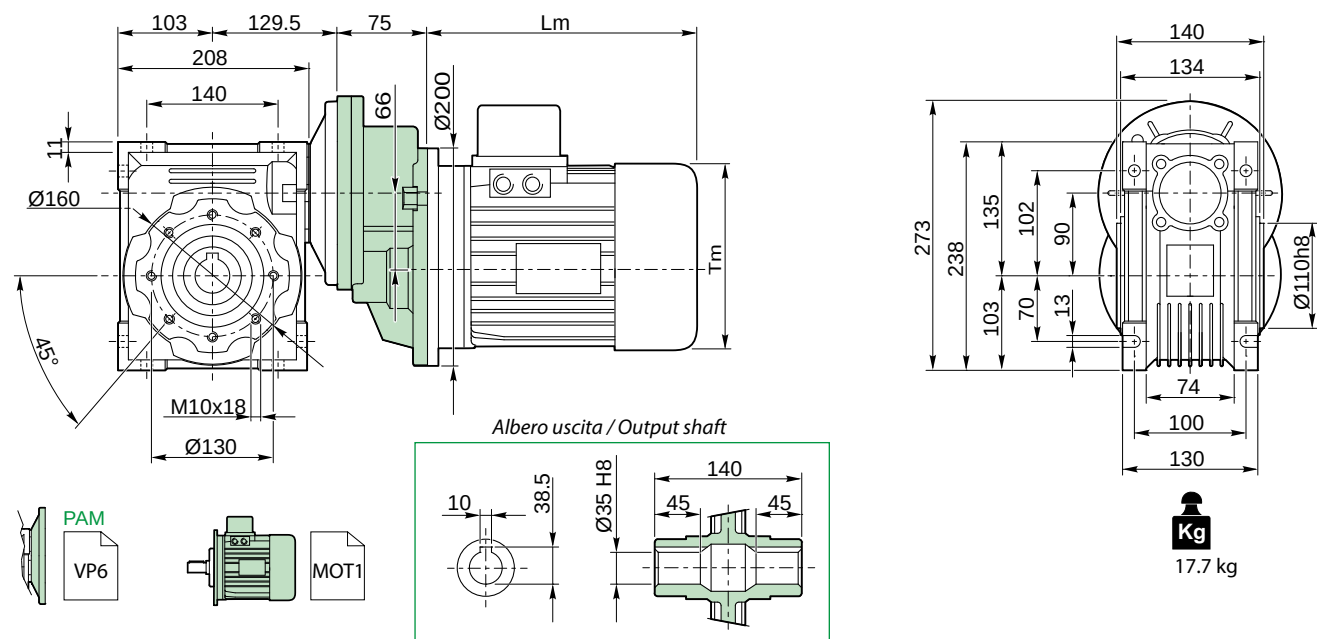
VR 090 / 075 P...



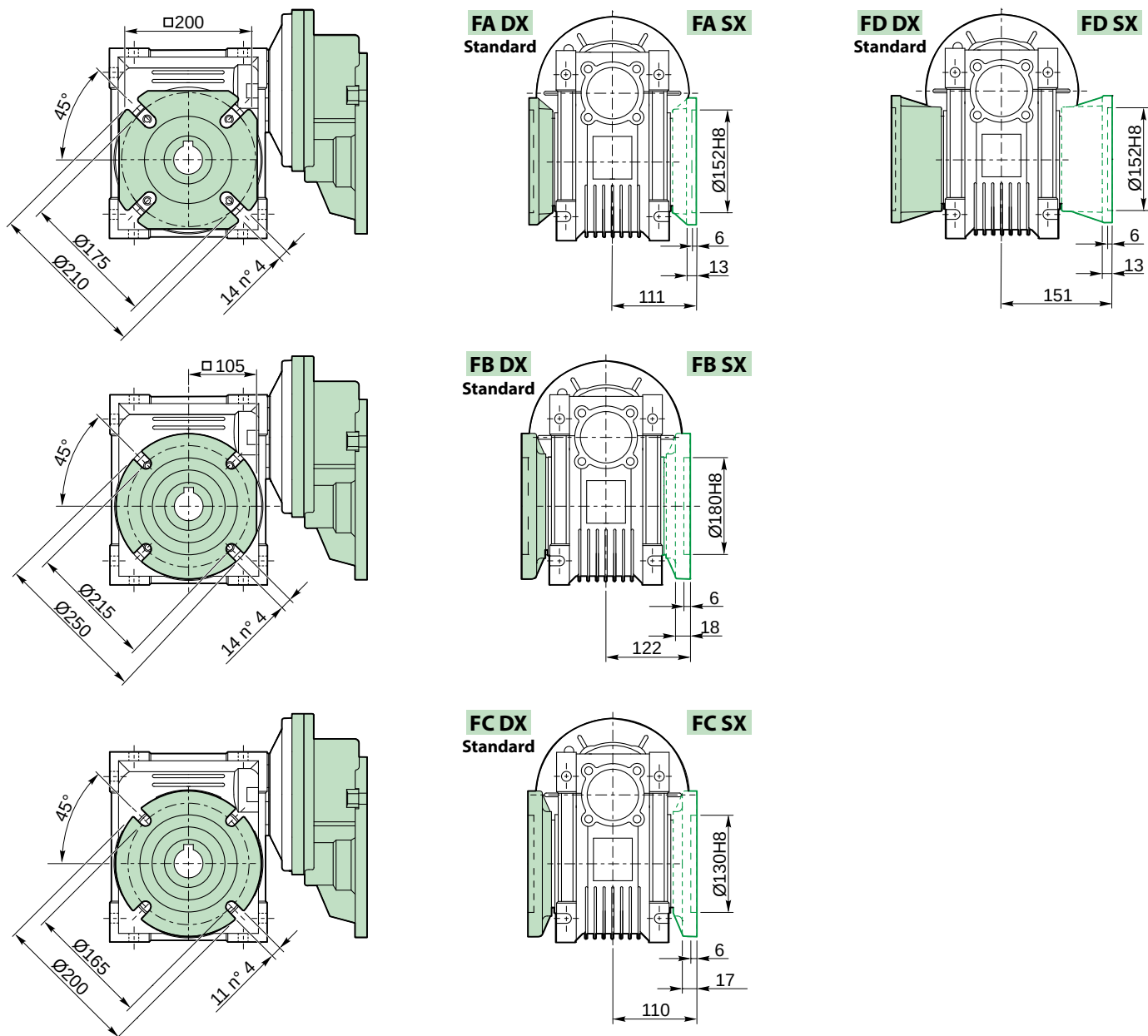
VR 090 / 075 F...



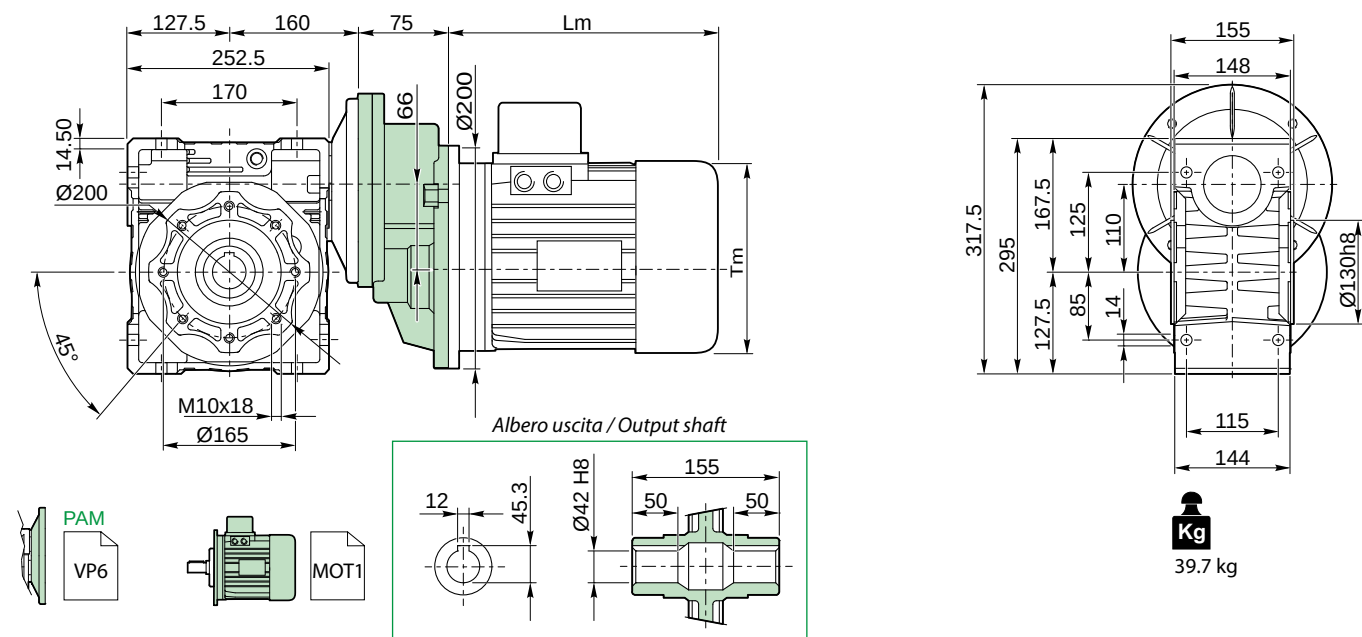
VR 090 / 090 P ...



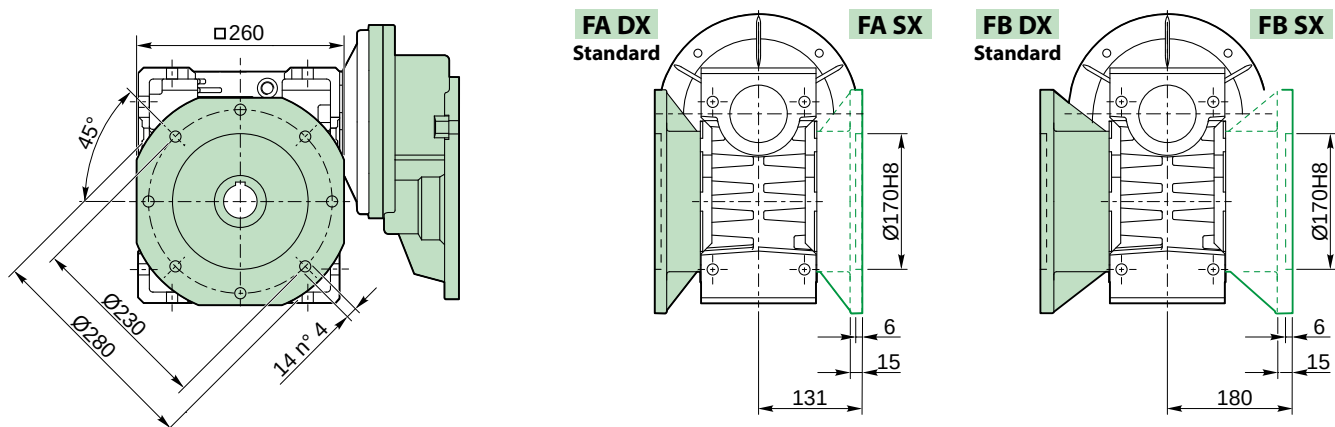
VR 090 / 090 F...

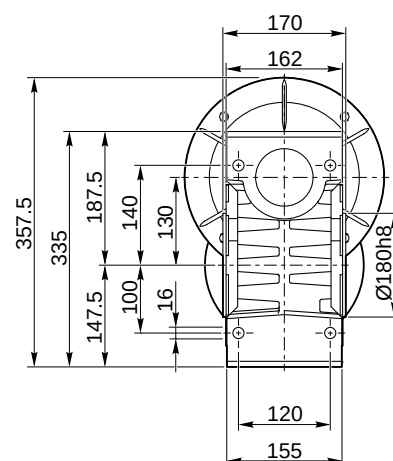
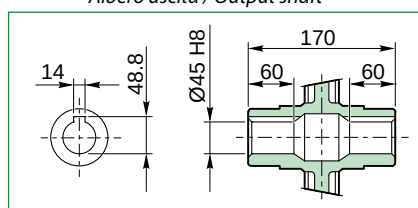
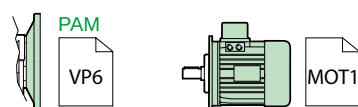
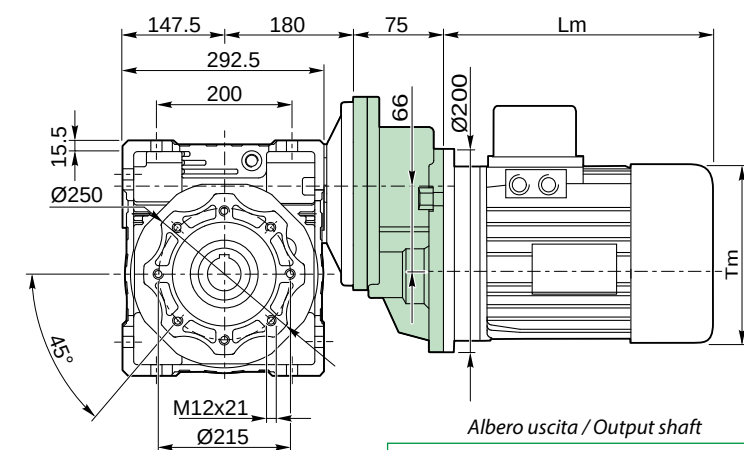


VR 090 / 110 P...

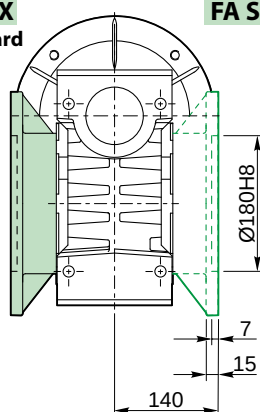
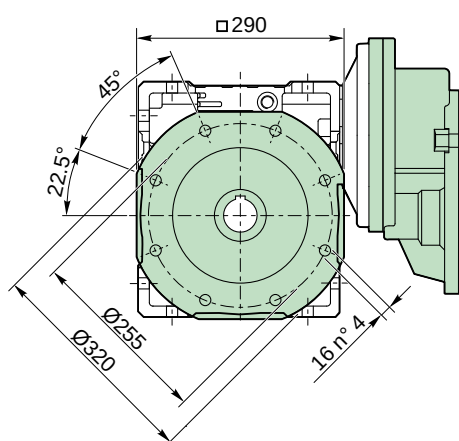


VR 090 / 110 F...

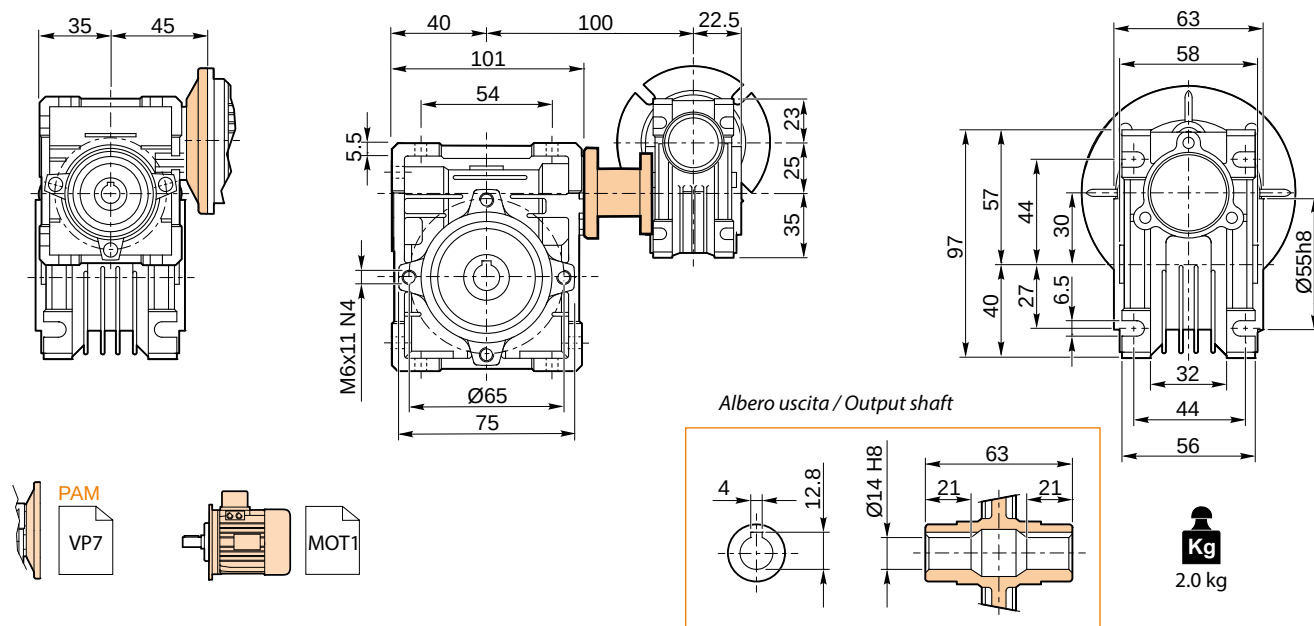


VR 090 / 130 P ...

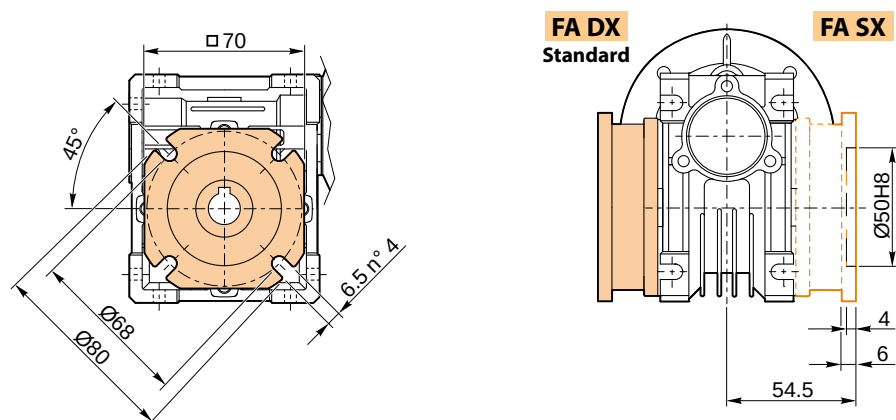
 52.7 kg

VR 090 / 130 F...

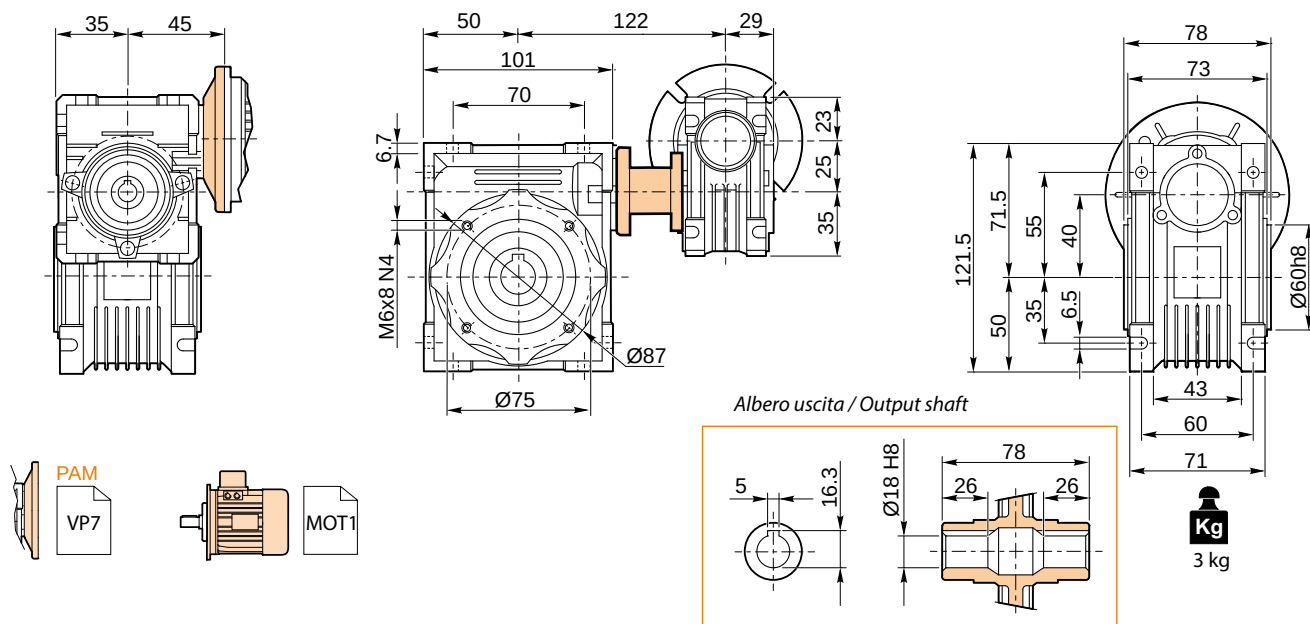
VC 025 / 030 P...



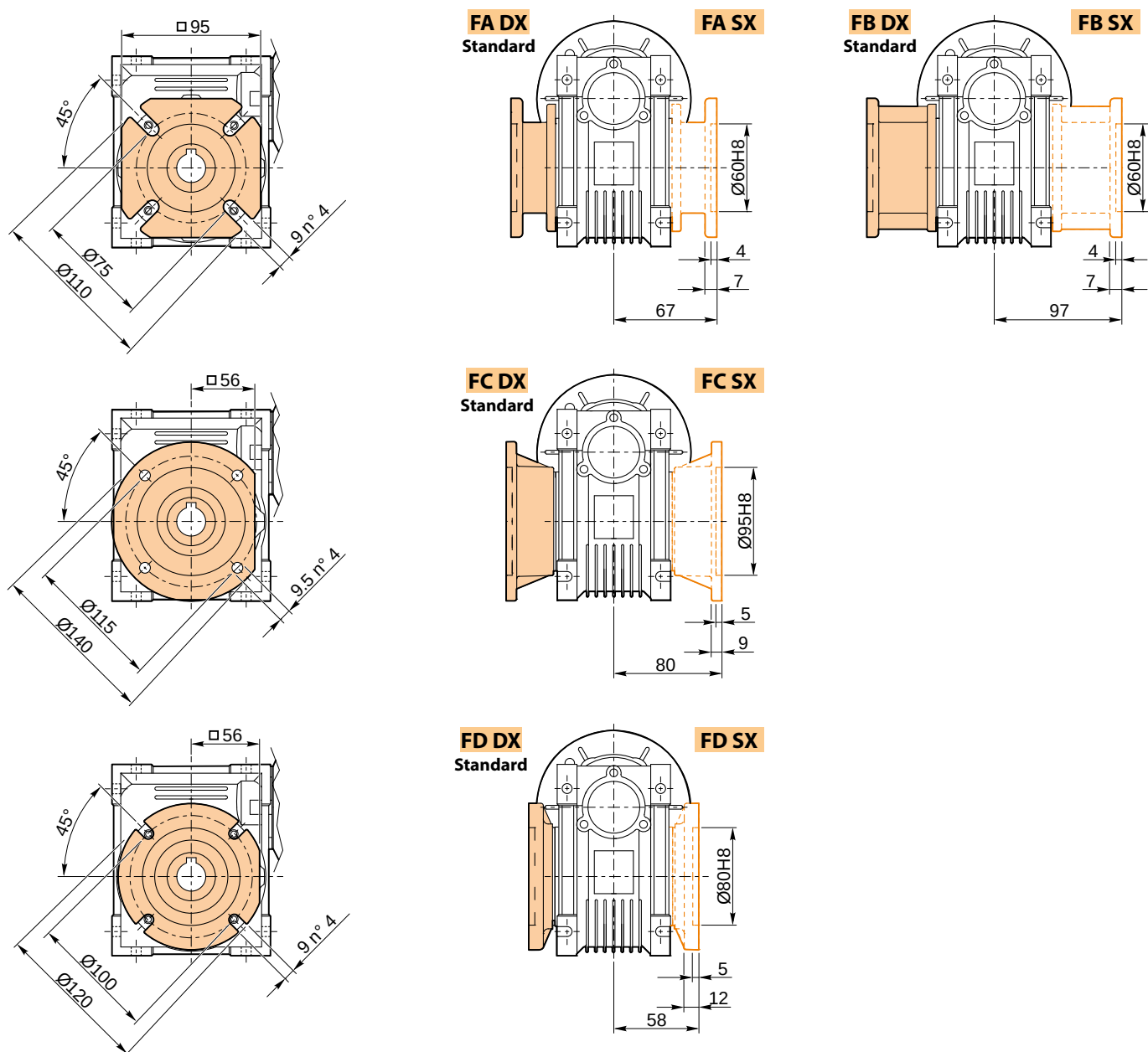
VC 025 / 030 F...



VC 025 / 040 P ...

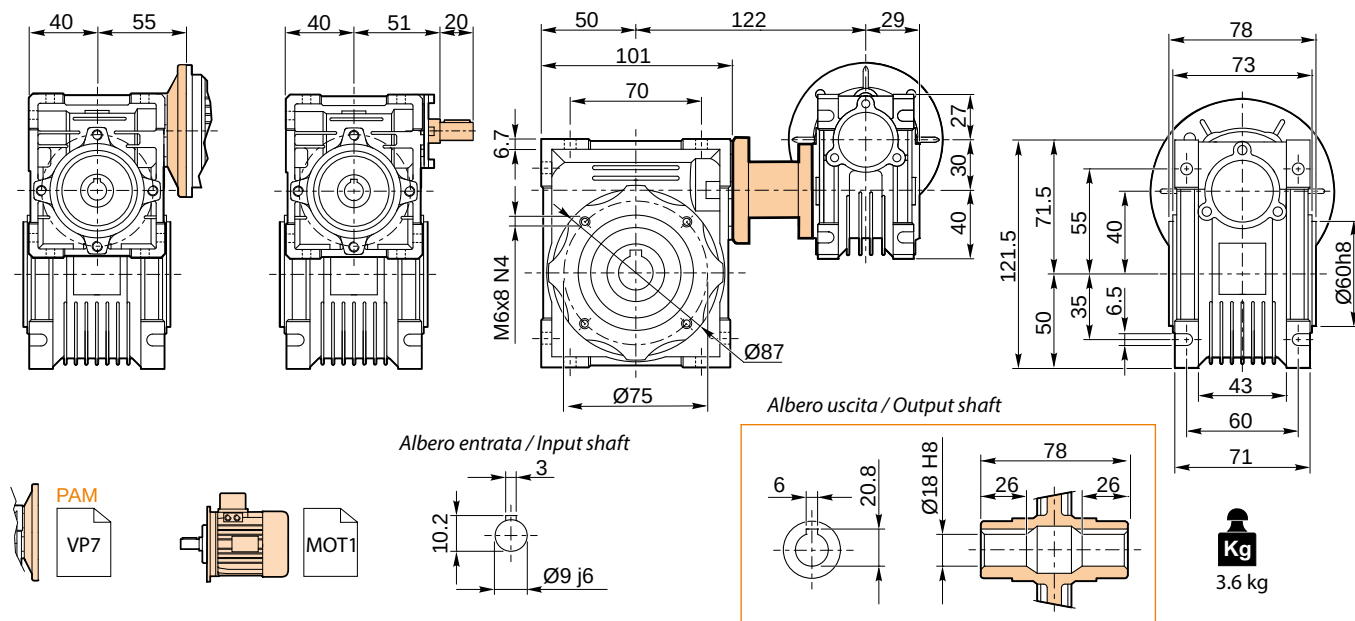


VC 025 / 040 F...



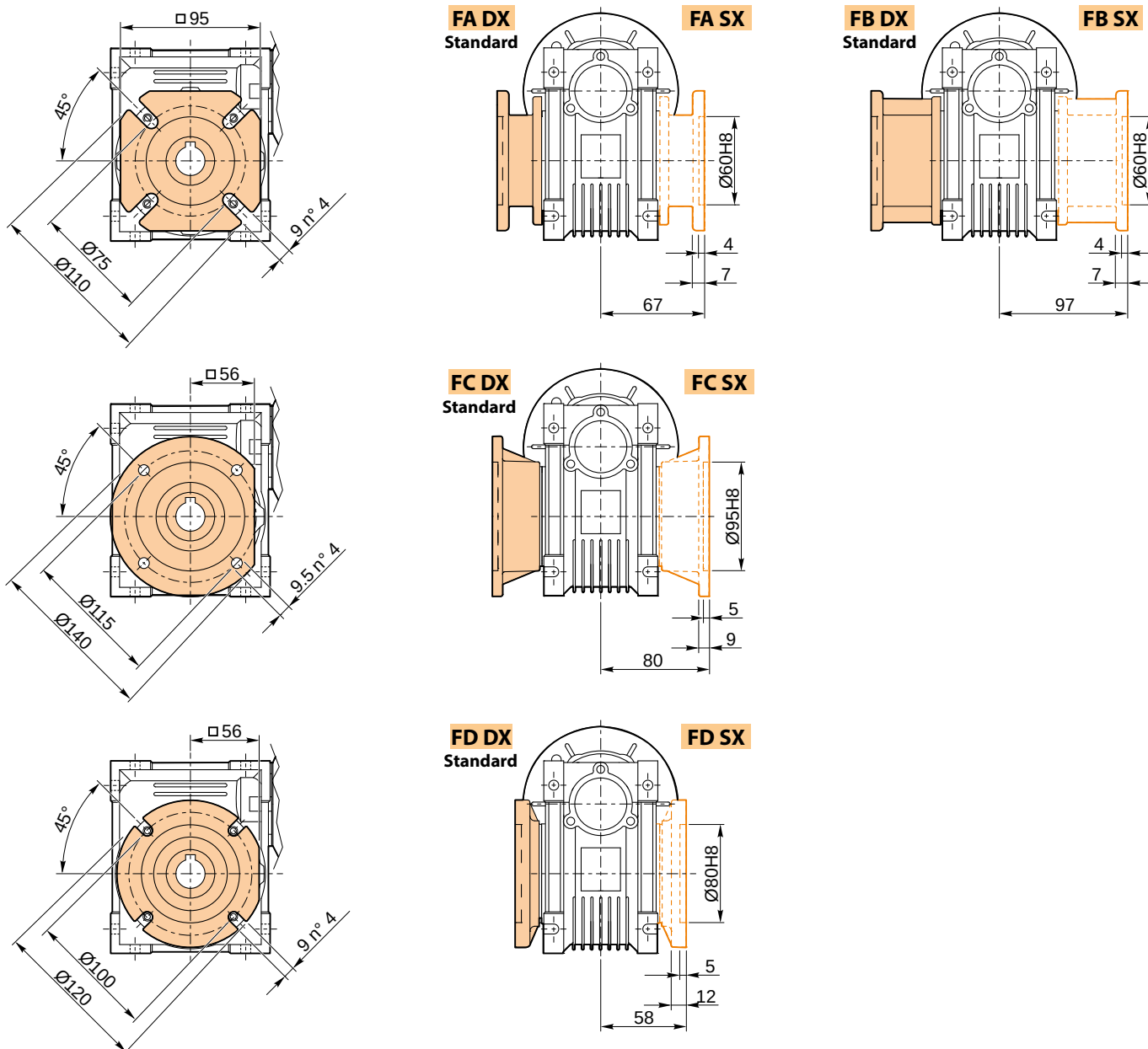
VC 030/040 P...

VS 030/040 P...



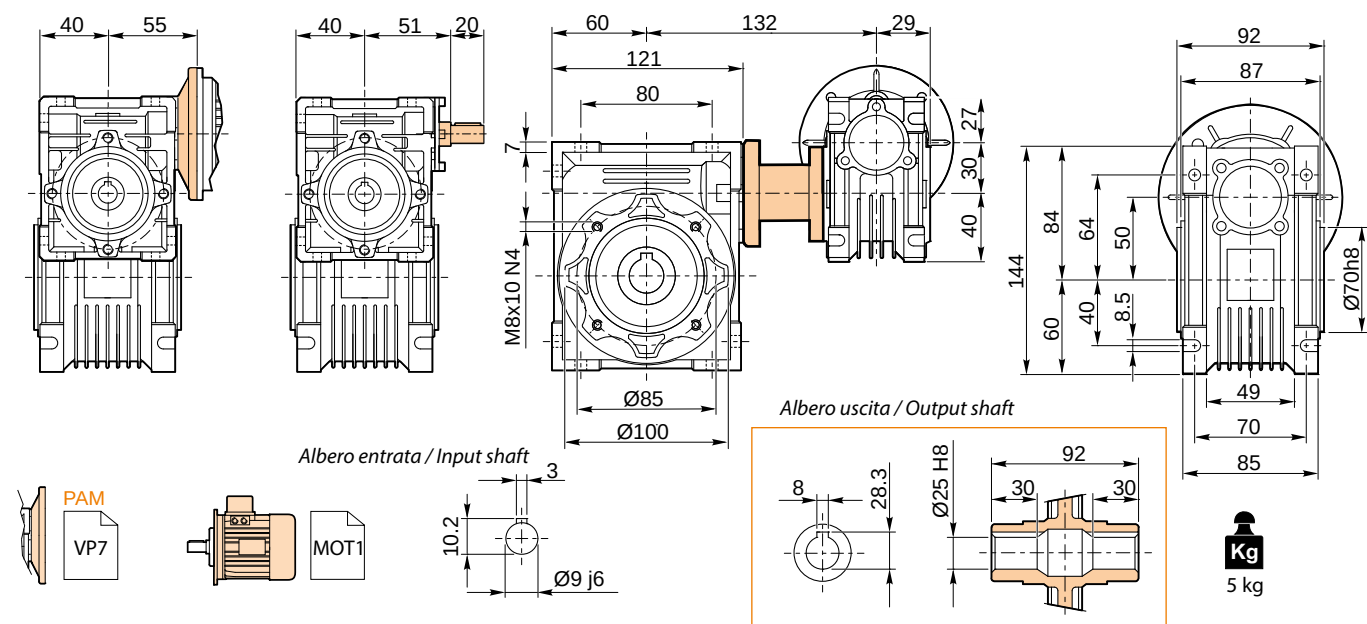
VC 030/040 F...

VS 030/040 F...



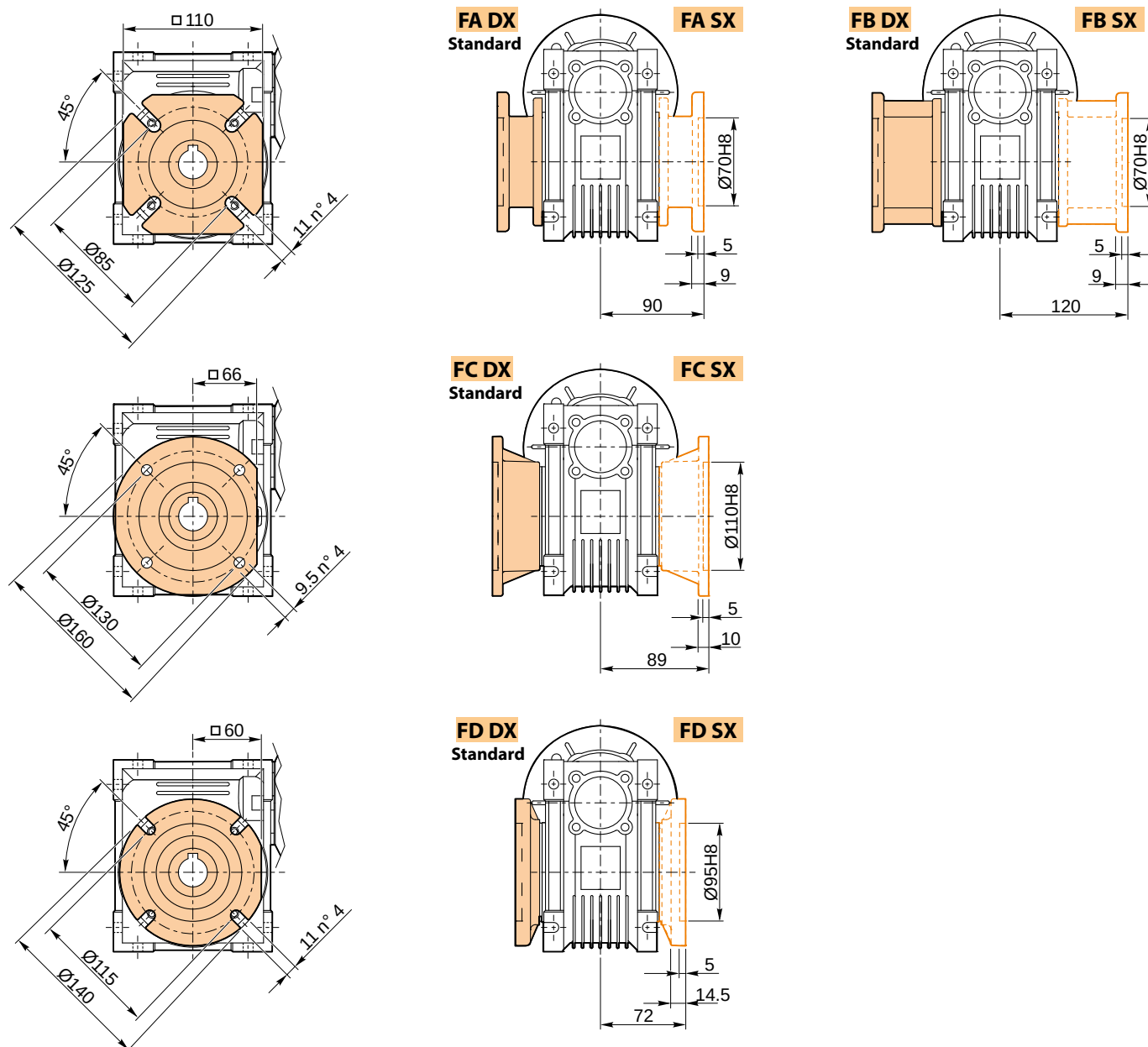
VC 030/050 P...

VS 030/050 P...



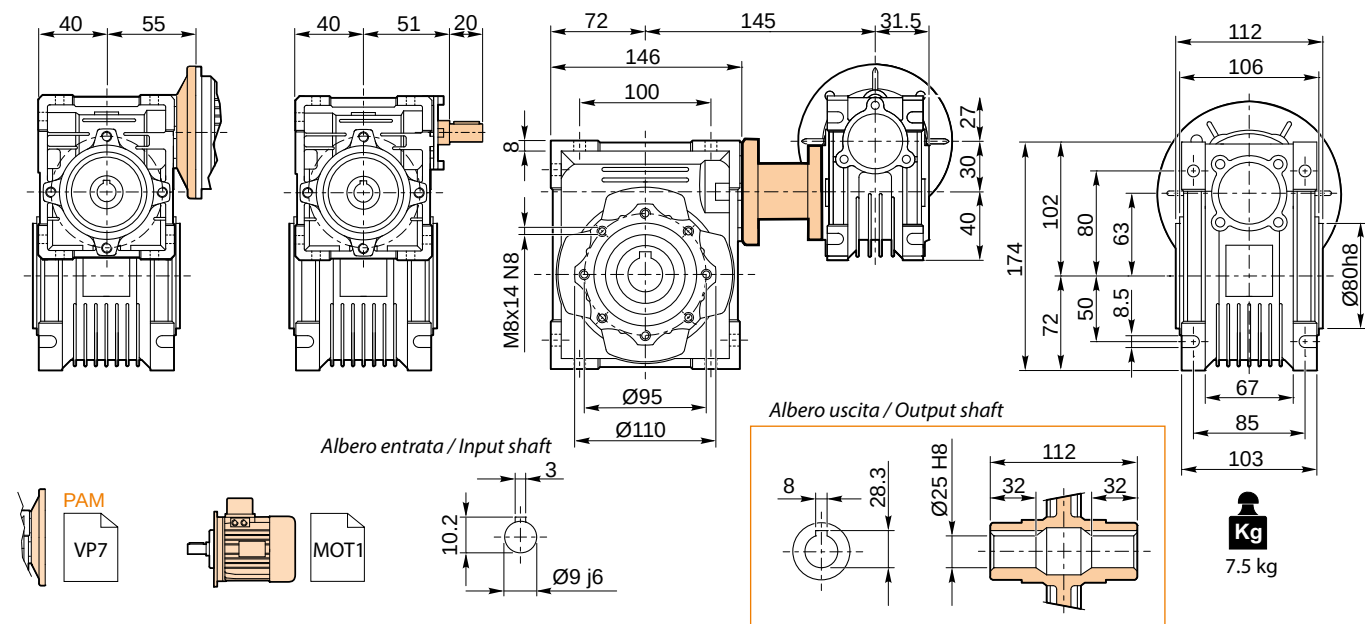
VC 030/050 F...

VS 030/050 F...



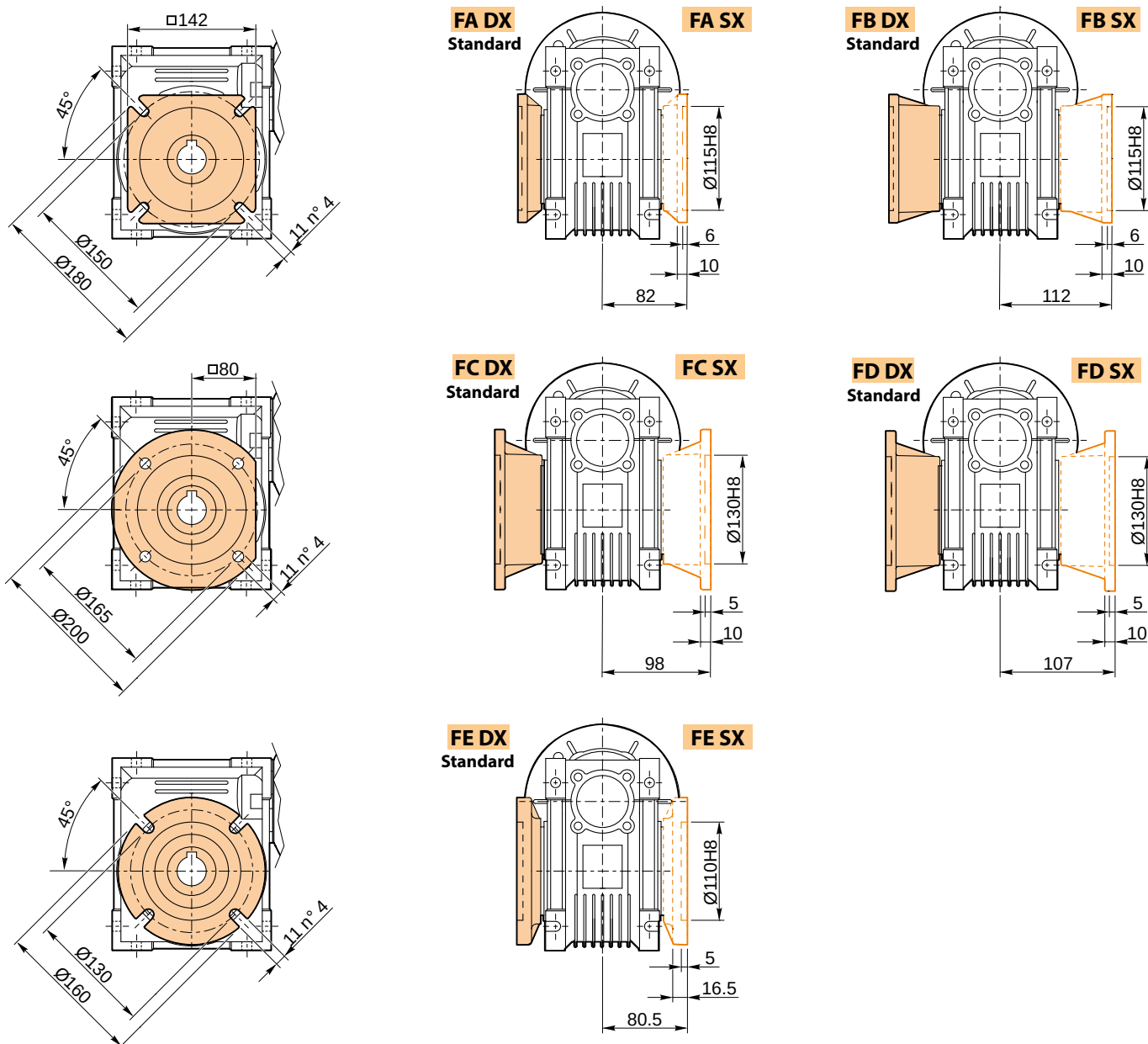
VC 030/063 P...

VS 030/063 P...

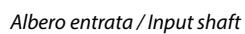


VC 030/063 F...

VS 030/063 F...



VC 040/ 075 P ...

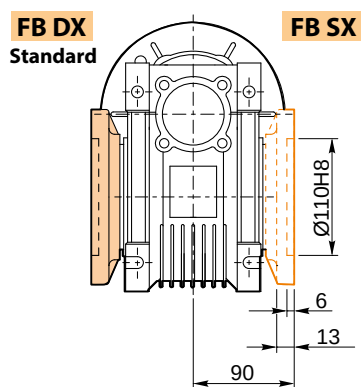
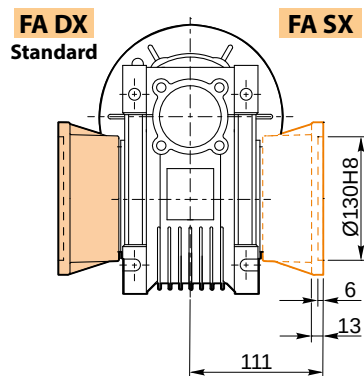
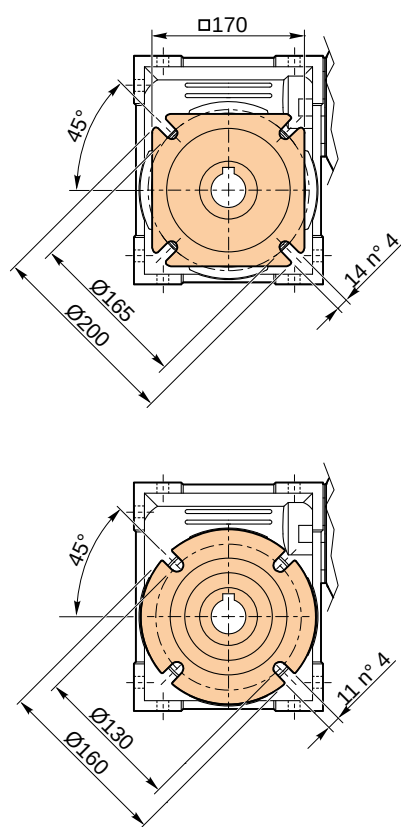
VS 040/ 075 P ...

Albero uscita / Output shaft



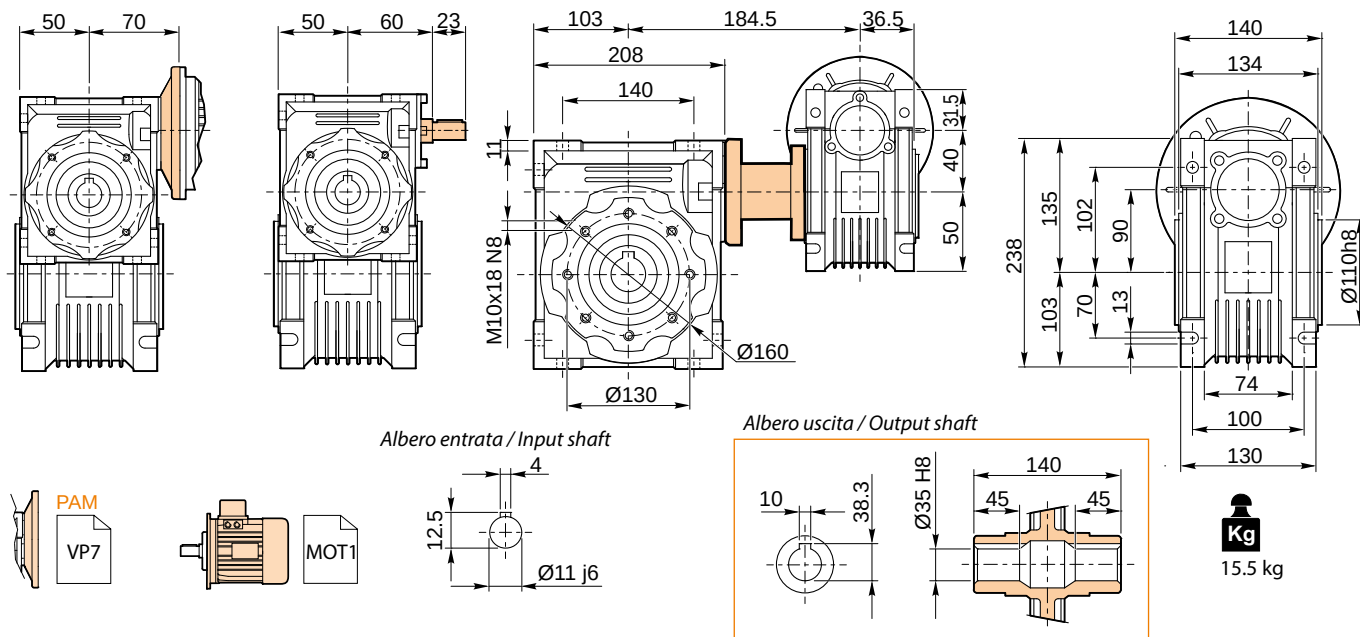
11.5 kg

VC 040 / 075 F...

VS 040 / 075 F...

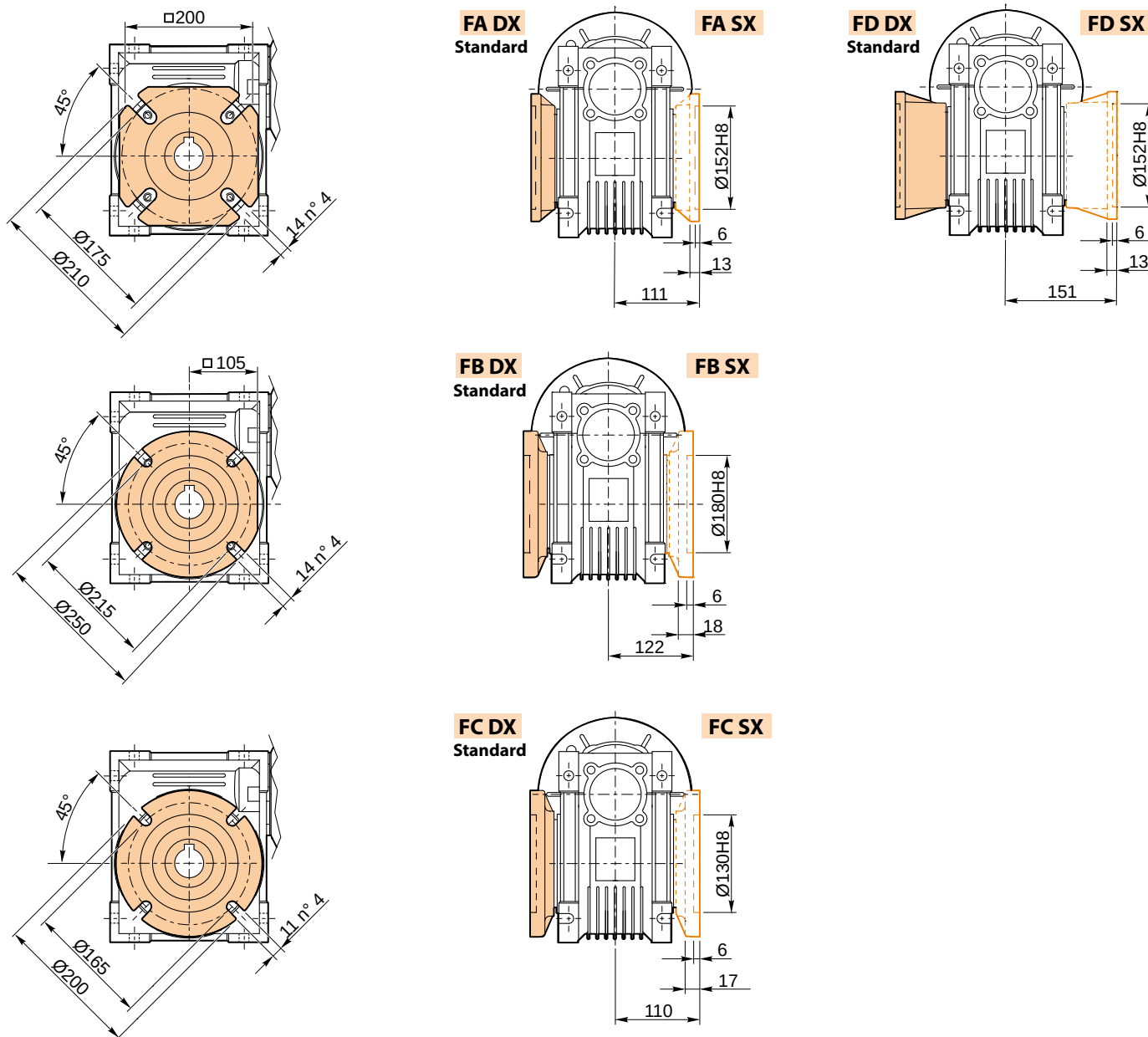
VC 040/090 P...

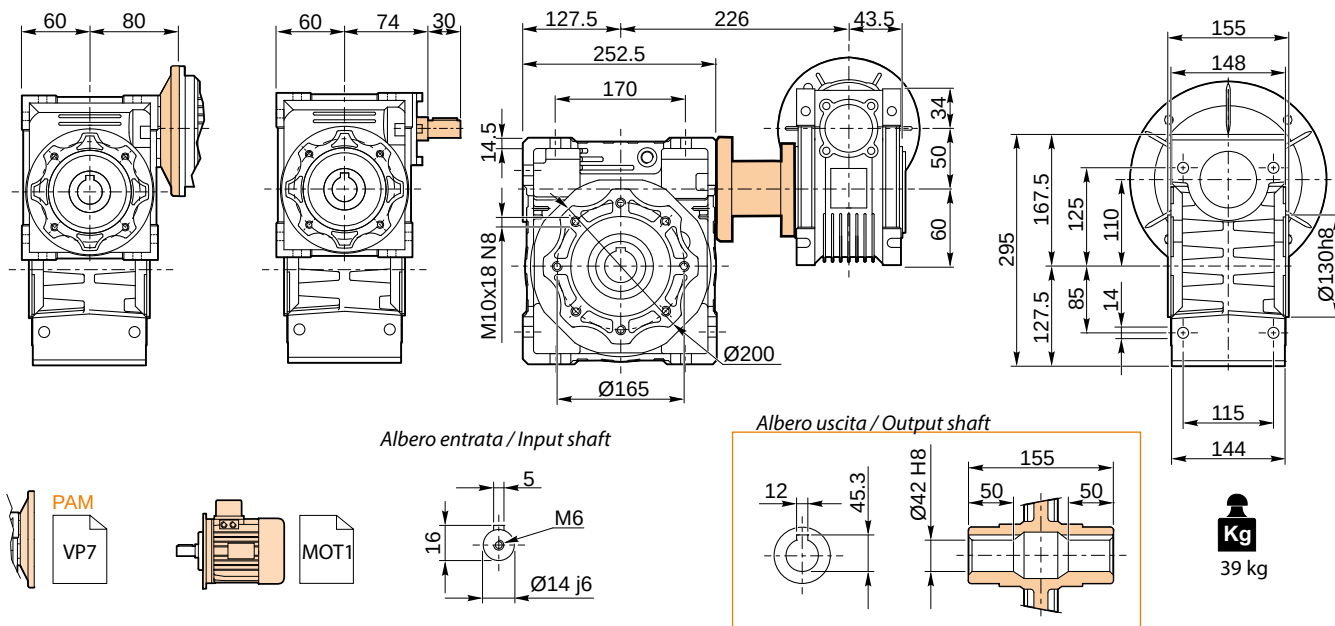
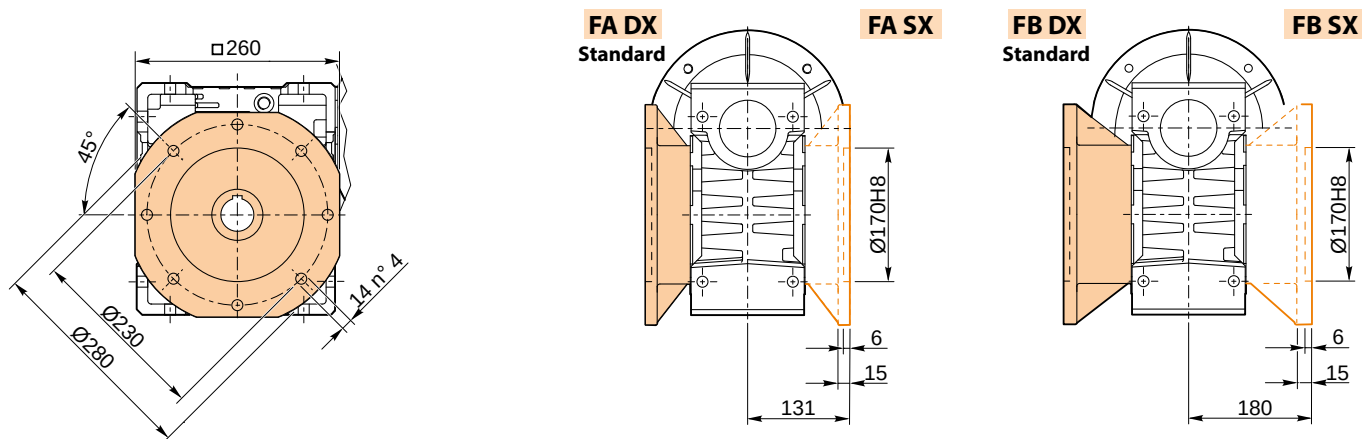
VS 040/090 P...



VC 040/090 F...

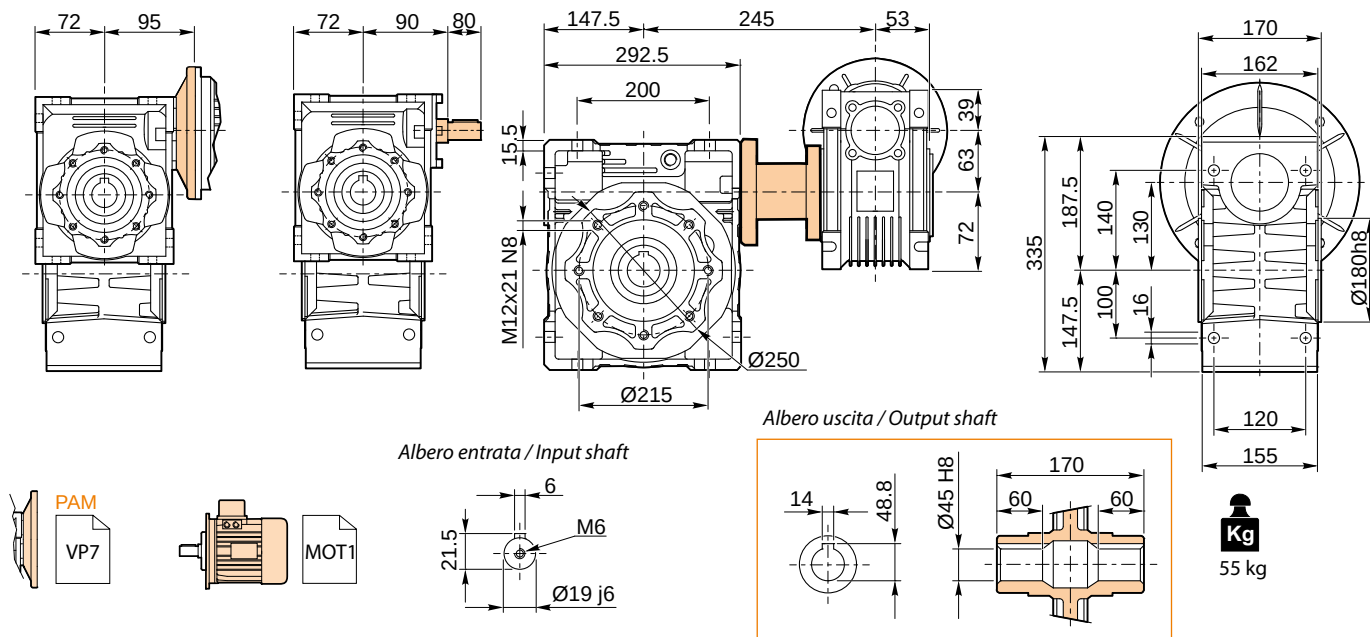
VS 040/090 F...



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

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


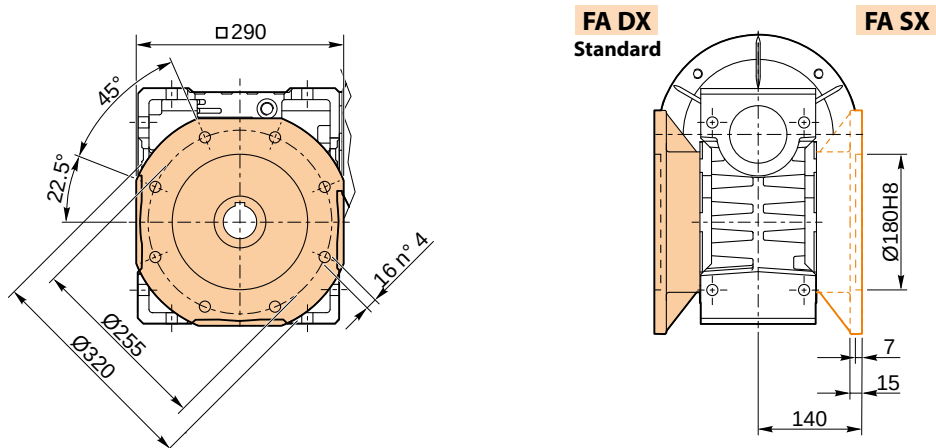
VC 063/ 130 P...

VS 063/ 130 P...



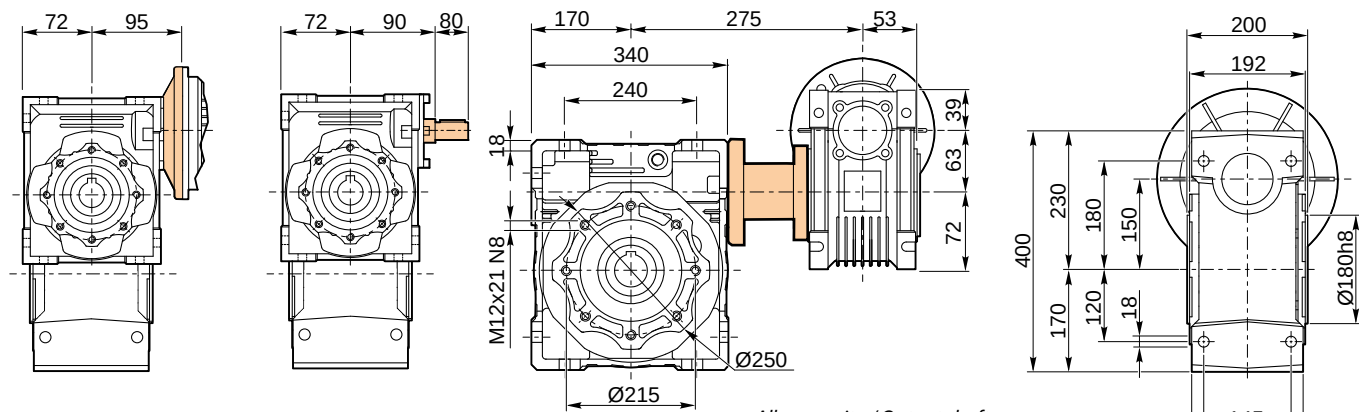
VC 063 / 130 F...

VS 063 / 130 F...



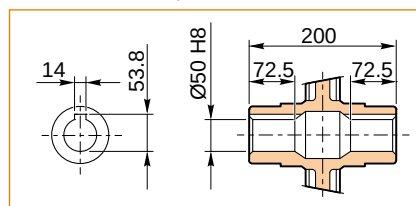
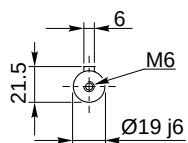
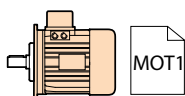
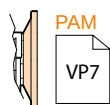
VC 063/ 150 P ...

VS 063/ 150 P ...



Albero uscita / Output shaft

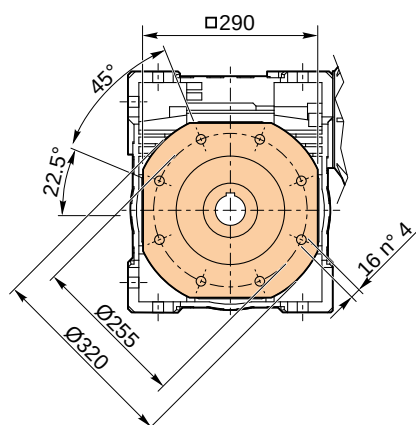
Albero entrata / Input shaft



Kg
92 kg

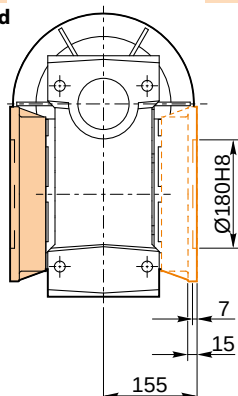
VC 063 / 150F...

VS 063 / 150 F...



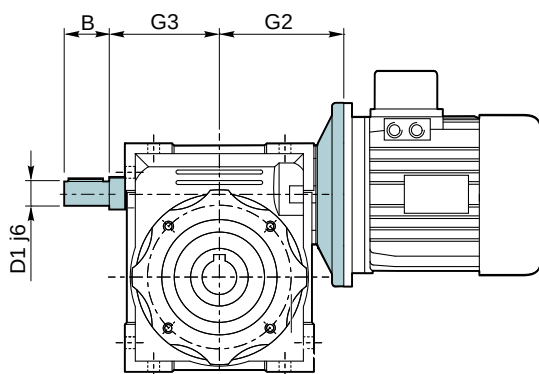
FA DX
Standard

FA SX

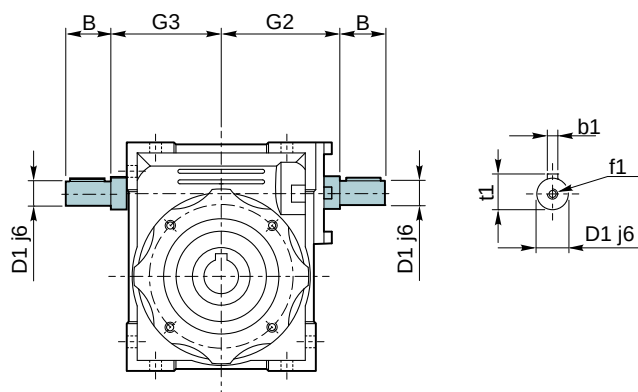


Seconda entrata / Additional input

VP



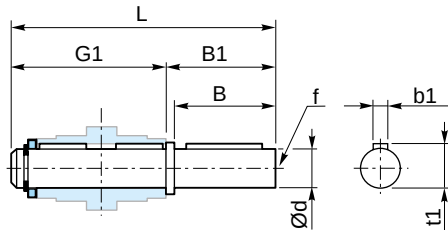
VI



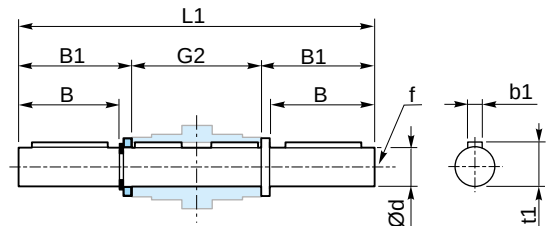
VP / VI	030	040	050	063	075	090	110	130	150
B	20	23	30	40	50	50	60	80	80
D1 j6	9	11	14	19	24	24	28	30	35
G2	51	60	74	90	105	125	142	162	195
G3	45	53	64	75	90	108	135	155	175
b1	3	4	5	6	8	8	8	8	10
M12f1	-	-	M6	M6	M8	M8	M10	M10	M12
t1	10.2	12.5	16	21.5	27	27	31	33	38

Kit assemblaggio - Accessori / Assembly Kit - Accessories

AS Albero lento semplice / Single output shaft

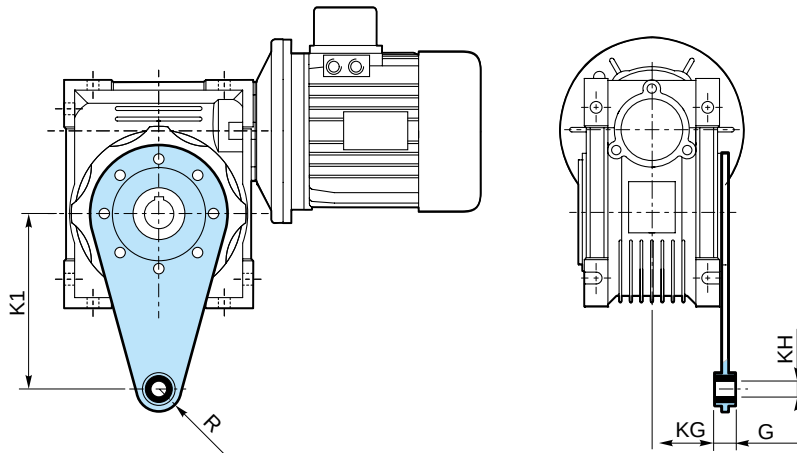


AD Albero lento doppio / Double output shaft



		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
	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	

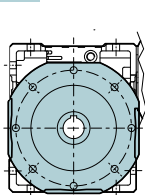
BR Braccio di reazione / Torque arm



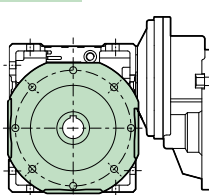
		Grandezza - Size									
Riduttore Gearbox	VP / VI	025	030	040	050	063	075	090	110	130	150
	VR	-	-	063/040	063/050 071/050	071/063	071/075 080/075	080/090 090/090	080/110 090/110	090/130	-
	VC / VS	-	025/030	025/040 030/040	030/050	030/063	040/075	040/090	050/110	063/130	063/150
		K1	70	85	100	100	150	200	200	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 FLANGIA USCITA / KIT OUTPUT FLANGE

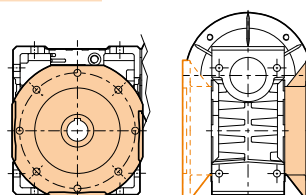
VP / VI



VR



VC / VS

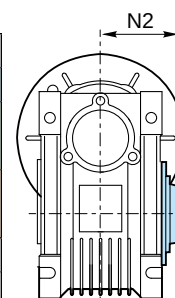


Riduttore Gearbox	Grandezza - Size															
	VP / VI	025	030	040				050				063				
	VR	-	-	063/040				063/050 071/050				071/063				
	VC / VS	-	025/030	025/040 030/040				030/050				030/063				
TIPO FLANGIA / TYPE FLANGE		FA	FA	FA	FB	FC	FD	FA	FB	FC	FD	FA	FB	FC	FD	FE
CODICE / CODE		FA025	FA030	FA040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

Riduttore Gearbox	Grandezza - Size											
	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	

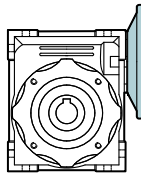
KIT PROTEZIONE ALBERO CAVO / KIT HOLLOW SHAFT PROTECTION

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	
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

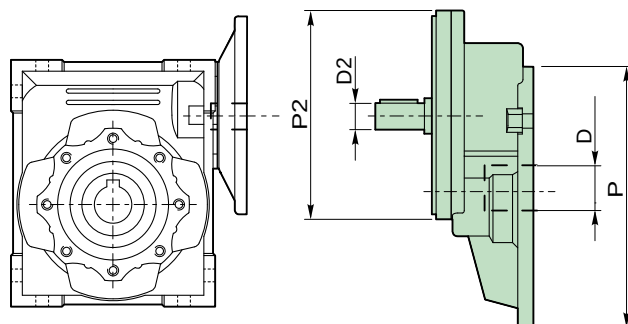
KIT FLANGIA ENTRATA / KIT INPUT FLANGE



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

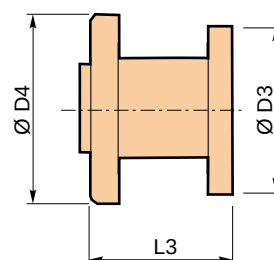
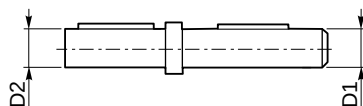
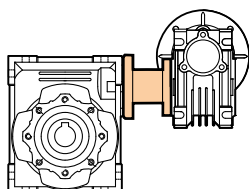
KIT PRECOPPIA / KIT PRE-STAGE

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



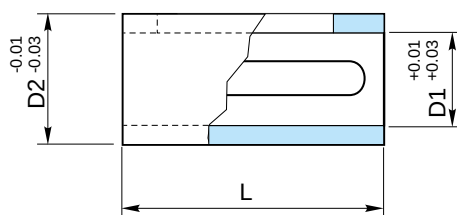
KIT COMBINAZIONE VITE SENZA FINE / KIT COMBINATION WORMGEARBOXES

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