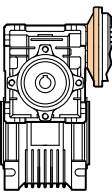
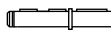
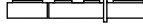

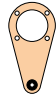

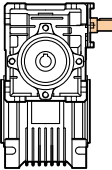





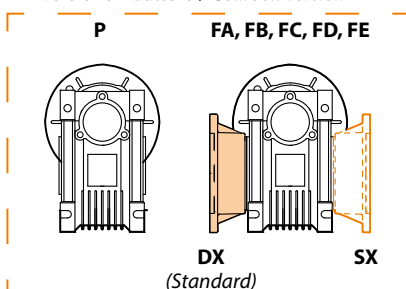


## Designazione / Designation

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
<b>VC</b>	<b>030/040</b>	<b>P</b>	<b>-</b>	<b>R5000</b>	<b>63</b>	<b>B5</b>	<b>ADO</b>	<b>U</b>	<b>AD</b>	<b>BR</b>	
	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
<b>VS</b>	<b>030/040</b>	<b>P</b>	<b>-</b>	<b>R5000</b>		<b>ADO</b>	<b>U</b>	<b>AD</b>	<b>BR</b>
	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)	    	  

Versione riduttore / Gearbox version



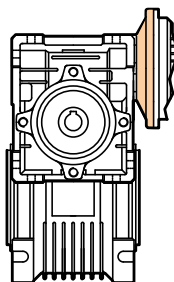
(1) Posizione di montaggio riferita al riduttore uscita

\* 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



$i = R1 \times R2$

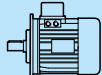
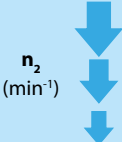
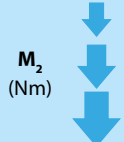
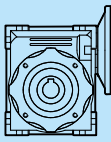
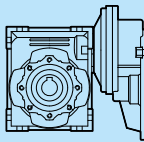
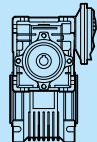
**R1** = Rapporto di riduzione riduttore entrata  
Ratio input gearbox

**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


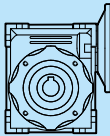
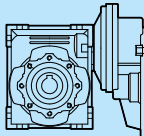
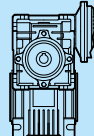
**Tabella dati tecnici motoriduttori / Table technical data gearmotors**

 $Pn_1$ (kW)	 $n_2$ (min <sup>-1</sup> )	 $M_2$ (Nm)	$fs$	$i$				$FR_2$ (N)
<b>0.06</b>								
M1 056 0.06 4P... (n <sub>1</sub> = 1400 min <sup>-1</sup> )	<b>280</b>	2	6.2	5	<b>VP025</b>			439
	<b>280</b>	2	10.1	5	<b>VP030</b>			597
	<b>186.7</b>	3	4.2	7.5	<b>VP025</b>			503
	<b>186.7</b>	3	6.9	7.5	<b>VP030</b>			683
	<b>140</b>	3	3.5	10	<b>VP025</b>			553
	<b>140</b>	3	5.4	10	<b>VP030</b>			752
	<b>93.3</b>	5	2.5	15	<b>VP025</b>			633
	<b>93.3</b>	5	3.8	15	<b>VP030</b>			861
	<b>70</b>	6	2	20	<b>VP025</b>			697
	<b>70</b>	6	3	20	<b>VP030</b>			948
	<b>56</b>	7	3	25	<b>VP030</b>			1021
	<b>46.7</b>	8	1.6	30	<b>VP025</b>			798
	<b>46.7</b>	8	2.5	30	<b>VP030</b>			1085
	<b>35</b>	10	1.3	40	<b>VP025</b>			878
	<b>35</b>	10	1.9	40	<b>VP030</b>			1194
	<b>28</b>	12*	0.9*	50	<b>VP025</b>			946
	<b>28</b>	11	1.5	50	<b>VP030</b>			1286
	<b>28</b>	13	3.3	50	<b>VP040</b>			2475
	<b>23.3</b>	14*	0.7*	60	<b>VP025</b>			1006
	<b>23.3</b>	13	1.3	60	<b>VP030</b>			1367
	<b>23.3</b>	14	2.6	60	<b>VP040</b>			2630
	<b>17.5</b>	14*	0.9*	80	<b>VP030</b>			1504
	<b>17.5</b>	17	1.9	80	<b>VP040</b>			2895
	<b>14</b>	25	1.3	100			<b>VC025/030</b>	1620
	<b>14</b>	20	1.5	100	<b>VP040</b>			3118
	<b>14</b>	26	2.7	100			<b>VC030/040</b>	2769
	<b>9.3</b>	32*	0.9*	150			<b>VC025/030</b>	1830
	<b>9.3</b>	37	1.9	150			<b>VC030/040</b>	3169
	<b>7</b>	41*	0.7*	200			<b>VC025/030</b>	1830
	<b>7</b>	47	1.4	200			<b>VC030/040</b>	3488
	<b>7</b>	47	2.6	200			<b>VC030/050</b>	4788
	<b>5.6</b>	44*	0.8*	250			<b>VC025/030</b>	1830
	<b>5.6</b>	55	1.1	250			<b>VC030/040</b>	3490
	<b>5.6</b>	55	2	250			<b>VC030/050</b>	4840
	<b>4.7</b>	59	1.2	300			<b>VC025/040</b>	3490
	<b>4.7</b>	57	1.3	300			<b>VC030/040</b>	3490
	<b>4.7</b>	61	2.4	300			<b>VC030/050</b>	4840
	<b>3.5</b>	71*	0.9*	400			<b>VC025/040</b>	3490
	<b>3.5</b>	70*	0.9*	400			<b>VC030/040</b>	3490
	<b>3.5</b>	73	1.7	400			<b>VC030/050</b>	4840
	<b>3.5</b>	76	3.4	400			<b>VC030/063</b>	6270
	<b>2.8</b>	96*	0.6*	500			<b>VC030/040</b>	3490
	<b>2.8</b>	82*	0.7*	500			<b>VC025/040</b>	3490
	<b>2.8</b>	85	1.4	500			<b>VC030/050</b>	4840
	<b>2.8</b>	88	2.7	500			<b>VC030/063</b>	6270
	<b>2.3</b>	101*	0.6*	600			<b>VC025/040</b>	3490
	<b>2.3</b>	104*	0.7*	600			<b>VC030/040</b>	3490
	<b>2.3</b>	109	1.3	600			<b>VC030/050</b>	4840
	<b>2.3</b>	111	2.4	600			<b>VC030/063</b>	6270
	<b>1.9</b>	116*	0.5*	750			<b>VC025/040</b>	3490
	<b>1.9</b>	121*	0.6*	750			<b>VC030/040</b>	3490
	<b>1.9</b>	127	1.1	750			<b>VC030/050</b>	4840
	<b>1.9</b>	129	2.1	750			<b>VC030/063</b>	6270
	<b>1.6</b>	143*	0.5*	900			<b>VC025/040</b>	3490
	<b>1.6</b>	139*	0.5*	900			<b>VC030/040</b>	3490
	<b>1.6</b>	141	1	900			<b>VC030/050</b>	4840
	<b>1.6</b>	148	1.8	900			<b>VC030/063</b>	6270
	<b>1.2</b>	171*	0.4*	1200			<b>VC025/040</b>	3490
	<b>1.2</b>	166*	0.4*	1200			<b>VC030/040</b>	3490
	<b>1.2</b>	169*	0.7*	1200			<b>VC030/050</b>	4840
	<b>1.2</b>	180	1.5	1200			<b>VC030/063</b>	6270
	<b>0.93</b>	199*	0.7*	1500			<b>VC030/050</b>	4840
	<b>0.9</b>	197*	0.3*	1500			<b>VC025/040</b>	3490
	<b>0.9</b>	196*	0.4*	1500			<b>VC030/040</b>	3490
	<b>0.9</b>	204	1.1	1500			<b>VC030/063</b>	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  $fs$ :  $M_{m2} = M_2 \times fs$

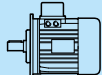
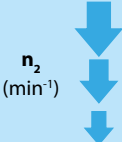
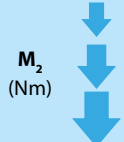
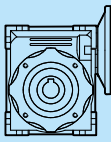
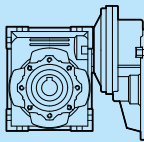
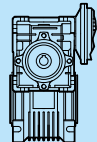
Tabella dati tecnici motoriduttori / Table technical data gearmotors

 $P_{n1}$ (kW)	$n_2$ (min <sup>-1</sup> )	$M_2$ (Nm)	$f_s$	$i$				$FR_2$ (N)
<b>0.06</b>								
M1 056 0.06 4P... ( $n_1 = 1400 \text{ min}^{-1}$ )	<b>0.9</b>	248	1.8	1500			<b>VC040/075</b>	7380
	<b>0.9</b>	259	2.7	1500			<b>VC040/090</b>	8180
	<b>0.8</b>	217*	0.3*	1800			<b>VC025/040</b>	3490
	<b>0.8</b>	218*	0.3*	1800			<b>VC030/040</b>	3490
	<b>0.8</b>	278	1.6	1800			<b>VC040/075</b>	7380
	<b>0.8</b>	291	2.4	1800			<b>VC040/090</b>	8180
	<b>0.78</b>	222*	0.7*	1800			<b>VC030/050</b>	4840
	<b>0.78</b>	225*	0.9*	1800			<b>VC030/063</b>	6270
	<b>0.6</b>	268*	0.2*	2400			<b>VC025/040</b>	3490
	<b>0.6</b>	266*	0.5*	2400			<b>VC030/050</b>	4840
	<b>0.6</b>	330	1.1	2400			<b>VC040/075</b>	7380
	<b>0.6</b>	359	1.7	2400			<b>VC040/090</b>	8180
	<b>0.58</b>	261*	0.2*	2400			<b>VC030/040</b>	3490
	<b>0.58</b>	276*	0.8*	2400			<b>VC030/063</b>	6270
	<b>0.5</b>	324*	0.2*	3000			<b>VC025/040</b>	3490
	<b>0.5</b>	307*	0.4*	3000			<b>VC030/050</b>	4840
	<b>0.5</b>	406	1.4	3000			<b>VC040/090</b>	8180
	<b>0.47</b>	319*	0.7*	3000			<b>VC030/063</b>	6270
	<b>0.47</b>	377*	0.8*	3000			<b>VC040/075</b>	7380
	<b>0.4</b>	294*	0.1*	4000			<b>VC025/040</b>	3490
	<b>0.4</b>	279*	0.1*	4000			<b>VC030/040</b>	3490
	<b>0.4</b>	300*	0.2*	3200			<b>VC030/040</b>	3490
	<b>0.35</b>	288*	0.3*	4000			<b>VC030/050</b>	4840
	<b>0.35</b>	306*	0.6*	4000			<b>VC030/063</b>	6270
	<b>0.35</b>	355*	0.7*	4000			<b>VC040/075</b>	7380
	<b>0.35</b>	365	1.3	4000			<b>VC040/090</b>	8180
	<b>0.28</b>	356*	0.1*	5000			<b>VC025/040</b>	3490
	<b>0.29</b>	311*	0.3*	4800			<b>VC030/050</b>	4840
	<b>0.28</b>	338*	0.1*	5000			<b>VC030/040</b>	3490
	<b>0.28</b>	360*	0.4*	5000			<b>VC030/063</b>	6270
	<b>0.28</b>	419*	0.5*	5000			<b>VC040/075</b>	7380
	<b>0.28</b>	431	1	5000			<b>VC040/090</b>	8180
<b>0.09</b>								
M1 056 0.09 2P.. ( $n_1 = 2800 \text{ min}^{-1}$ )	<b>373.3</b>	2	3.9	7.5	<b>VP025</b>			399
	<b>373.3</b>	2	6.5	7.5	<b>VP030</b>			542
	<b>280</b>	2.6	3.4	10	<b>VP025</b>			439
	<b>280</b>	2.6	5	10	<b>VP030</b>			597
	<b>186.7</b>	3.8	2.4	15	<b>VP025</b>			503
	<b>186.7</b>	3.7	3.5	15	<b>VP030</b>			683
	<b>140</b>	4.9	1.8	20	<b>VP025</b>			553
	<b>140</b>	4.7	2.5	20	<b>VP030</b>			752
	<b>112</b>	5.9	1.5	25	<b>VP025</b>			590
	<b>112</b>	5.5	2.9	25	<b>VP030</b>			810
	<b>93.3</b>	6.4	2.3	30	<b>VP030</b>			861
	<b>93.3</b>	6.7	13	30	<b>VP025</b>			633
	<b>70</b>	8.5	1.1	40	<b>VP025</b>			697
	<b>70</b>	8	18	40	<b>VP030</b>			948
	<b>56</b>	10*	0.9*	50	<b>VP025</b>			751
	<b>56</b>	9.4	1.4	50	<b>VP030</b>			1021
	<b>56</b>	11	2.8	50	<b>VP040</b>			1964
	<b>46.7</b>	11*	0.7*	60	<b>VP025</b>			798
	<b>46.7</b>	10	1.1	60	<b>VP030</b>			1085
	<b>46.7</b>	12	2.3	60	<b>VP040</b>			2087
	<b>35</b>	13*	0.9*	80	<b>VP030</b>			1194
	<b>35</b>	15	1.7	80	<b>VP040</b>			2298
	<b>28</b>	17	1.4	100	<b>VP040</b>			2475
	<b>28</b>	18	1.6	100			<b>VC025/030</b>	1286
	<b>18.7</b>	25	1.1	150			<b>VC025/030</b>	1472
	<b>14</b>	31*	0.9*	200			<b>VC025/030</b>	1620
	<b>28</b>	39	1.8	100			<b>VC025/040</b>	2769
	<b>18.6</b>	54	1.2	150			<b>VC025/040</b>	3488
	<b>9.3</b>	43	1.6	300			<b>VC025/040</b>	3490
	<b>14</b>	70*	0.9*	200			<b>VC025/040</b>	3488
	<b>7</b>	52	1.2	400			<b>VC025/040</b>	3490
	<b>11.2</b>	83*	0.7*	250			<b>VC025/040</b>	3490
	<b>5.6</b>	71*	0.8*	500			<b>VC025/040</b>	3490

\* **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  $f_s$ :  $M_{m2} = M_2 \times f_s$

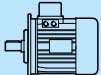
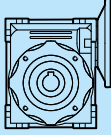
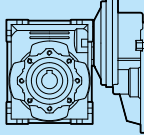
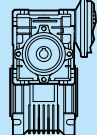
**Tabella dati tecnici motoriduttori / Table technical data gearmotors**

 $Pn_1$ (kW)	 $n_2$ (min <sup>-1</sup> )	 $M_2$ (Nm)	$fs$	$i$				$FR_2$ (N)
<b>0.09</b>								
M1 056 0.09 4P. ( $n_1 = 1400 \text{ min}^{-1}$ )	<b>280</b>	3	4.1	5	<b>VP025</b>			439
	<b>280</b>	3	6.7	5	<b>VP030</b>			597
	<b>186.7</b>	4	2.8	7.5	<b>VP025</b>			503
	<b>186.7</b>	4	4.6	7.5	<b>VP030</b>			683
	<b>140</b>	5	2.4	10	<b>VP025</b>			553
	<b>140</b>	5	3.6	10	<b>VP030</b>			752
	<b>93.3</b>	7	1.6	15	<b>VP025</b>			633
	<b>93.3</b>	7	2.5	15	<b>VP030</b>			861
	<b>70</b>	9	1.3	20	<b>VP025</b>			697
	<b>70</b>	9	2	20	<b>VP030</b>			948
	<b>56</b>	10	2	25	<b>VP030</b>			1021
	<b>46.7</b>	12	1.1	30	<b>VP025</b>			798
	<b>46.7</b>	12	1.7	30	<b>VP030</b>			1085
	<b>35</b>	15*	0.9*	40	<b>VP025</b>			878
	<b>35</b>	14	1.2	40	<b>VP030</b>			1194
	<b>28</b>	17	1	50	<b>VP030</b>			1286
	<b>28</b>	19	2	50	<b>VP040</b>			2475
	<b>23.3</b>	19*	0.9*	60	<b>VP030</b>			1367
	<b>23.3</b>	21	1.7	60	<b>VP040</b>			2630
	<b>17.5</b>	26	1.3	80	<b>VP040</b>			2895
	<b>14</b>	38	0.8	100			<b>VC025/030</b>	1620
	<b>14</b>	29	1	100	<b>VP040</b>			3118
	<b>14</b>	39	1.8	100			<b>VC030/040</b>	2769
	<b>14</b>	40	3.4	100			<b>VC030/050</b>	3800
	<b>9.3</b>	49*	0.6*	150			<b>VC025/030</b>	1830
	<b>9.3</b>	56	1.3	150			<b>VC030/040</b>	3169
	<b>9.3</b>	56	2.4	150			<b>VC030/050</b>	4350
	<b>7</b>	62*	0.5*	200			<b>VC025/030</b>	1830
	<b>7</b>	70*	0.9*	200			<b>VC030/040</b>	3488
	<b>7</b>	70	1.7	200			<b>VC030/050</b>	4788
	<b>5.6</b>	66*	0.5*	250			<b>VC025/030</b>	1830
	<b>5.6</b>	83*	0.7*	250			<b>VC030/040</b>	3490
	<b>5.6</b>	83	1.3	250			<b>VC030/050</b>	4840
	<b>5.6</b>	85	2.7	250			<b>VC030/063</b>	6270
	<b>4.7</b>	75*	0.4*	300			<b>VC025/030</b>	1830
	<b>4.7</b>	88*	0.8*	300			<b>VC030/040</b>	3490
	<b>4.7</b>	92	1.6	300			<b>VC030/050</b>	4840
	<b>4.7</b>	88	2.9	300			<b>VC030/063</b>	6270
	<b>3.5</b>	107*	0.3*	400			<b>VC025/030</b>	1830
	<b>3.5</b>	107	1.2	400			<b>VC030/050</b>	4840
	<b>3.5</b>	114	2.2	400			<b>VC030/063</b>	6270
	<b>2.8</b>	115*	0.3*	500			<b>VC025/030</b>	1830
<b>2.8</b>	123	1	500			<b>VC030/050</b>	4840	
<b>2.8</b>	132	1.8	500			<b>VC030/063</b>	6270	
<b>2.3</b>	135*	0.2*	600			<b>VC025/030</b>	1830	
<b>2.3</b>	159*	0.9*	600			<b>VC030/050</b>	4840	
<b>2.3</b>	166	1.6	600			<b>VC030/063</b>	6270	
<b>1.9</b>	151*	0.2*	750			<b>VC025/030</b>	1830	
<b>1.9</b>	185*	0.8*	750			<b>VC030/050</b>	4840	
<b>1.9</b>	194	1.4	750			<b>VC030/063</b>	6270	
<b>1.6</b>	178*	0.2*	900			<b>VC025/030</b>	1830	
<b>1.6</b>	212*	0.7*	900			<b>VC030/050</b>	4840	
<b>1.6</b>	200	1	900			<b>VC030/063</b>	6270	
<b>1.2</b>	212*	0.1*	1200			<b>VC025/030</b>	1830	
<b>1.2</b>	263*	0.9*	1200			<b>VC030/063</b>	6270	
<b>0.93</b>	305*	0.7*	1500			<b>VC030/063</b>	6270	
<b>0.9</b>	247*	0.1*	1500			<b>VC025/030</b>	1830	
<b>0.9</b>	360	1.1	1500			<b>VC040/075</b>	7380	
<b>0.78</b>	304*	0.1*	1800			<b>VC025/030</b>	1830	
<b>0.78</b>	404	1	1800			<b>VC040/075</b>	7380	
<b>0.58</b>	340*	0.1*	2400			<b>VC025/030</b>	1830	
<b>0.58</b>	496*	0.7*	2400			<b>VC040/075</b>	7380	
<b>0.5</b>	609*	0.9*	3000			<b>VC040/090</b>	8180	
<b>0.47</b>	405*	0.1*	3000			<b>VC025/030</b>	1830	
<b>0.35</b>	548*	0.8*	4000			<b>VC040/090</b>	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  $fs$ :  $M_{m2} = M_2 \times fs$

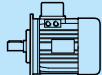
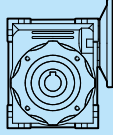
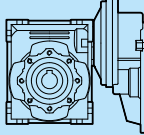
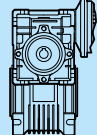
Tabella dati tecnici motoriduttori / Table technical data gearmotors

 $Pn_1$ (kW)	$n_2$ ( $min^{-1}$ )	$M_2$ (Nm)	$fs$	$i$				$FR_2$ (N)
<b>0.12</b>								
M1 056 0.12 2P... ( $n_1 = 2800 min^{-1}$ )	<b>373.3</b>	2.7	3	7.5	<b>VP025</b>			399
	<b>280</b>	3.5	2.6	10	<b>VP025</b>			439
	<b>186.7</b>	5.1	1.8	15	<b>VP025</b>			503
	<b>186.7</b>	5	2.6	15	<b>VP030</b>			683
	<b>140</b>	6.5	1.4	20	<b>VP025</b>			553
	<b>140</b>	6	1.9	20	<b>VP030</b>			752
	<b>112</b>	7.9	1.1	25	<b>VP025</b>			590
	<b>112</b>	8	2.1	25	<b>VP030</b>			810
	<b>93.3</b>	9	1	30	<b>VP025</b>			633
	<b>93.3</b>	9	1.7	30	<b>VP030</b>			861
	<b>70</b>	11*	0.8*	40	<b>VP025</b>			697
	<b>70</b>	11	1.3	40	<b>VP030</b>			948
	<b>56</b>	13	1	50	<b>VP030</b>			1021
	<b>56</b>	14	2.1	50	<b>VP040</b>			1964
	<b>46.7</b>	14*	0.8*	60	<b>VP030</b>			1085
	<b>46.7</b>	16	1.7	60	<b>VP040</b>			2087
	<b>35</b>	20	1.3	80	<b>VP040</b>			2298
	<b>28</b>	23	1	100	<b>VP040</b>			2475
M1 063 0.12 4P... ( $n_1 = 1400 min^{-1}$ )	<b>280</b>	4	5.1	5	<b>VP030</b>			597
	<b>186.7</b>	5	3.4	7.5	<b>VP030</b>			683
	<b>140</b>	7	2.7	10	<b>VP030</b>			752
	<b>93.3</b>	10	1.9	15	<b>VP030</b>			861
	<b>70</b>	12	1.5	20	<b>VP030</b>			948
	<b>70</b>	13	3.3	20	<b>VP040</b>			1824
	<b>56</b>	14	1.5	25	<b>VP030</b>			1021
	<b>56</b>	16	2.5	25	<b>VP040</b>			1964
	<b>46.7</b>	16	1.3	30	<b>VP030</b>			1085
	<b>46.7</b>	17	2.6	30	<b>VP040</b>			2087
	<b>35</b>	19*	0.9*	40	<b>VP030</b>			1194
	<b>35</b>	21	1.9	40	<b>VP040</b>			2298
	<b>28</b>	23*	0.8*	50	<b>VP030</b>			1286
	<b>28</b>	25	1.5	50	<b>VP040</b>			2475
	<b>28</b>	26	2.9	50	<b>VP050</b>			3397
	<b>23.3</b>	28	1.3	60	<b>VP040</b>			2630
	<b>23.3</b>	29	2.3	60	<b>VP050</b>			3610
	<b>19.1</b>	42	1.2	73.5		<b>VR063/040</b>		2833
	<b>17.5</b>	34	1	80	<b>VP040</b>			2895
	<b>17.5</b>	35	1.9	80	<b>VP050</b>			3973
	<b>15.9</b>	46	1.2	88.2		<b>VR063/040</b>		3011
	<b>14</b>	38*	0.8*	100	<b>VP040</b>			3118
	<b>14</b>	52	1.4	100			<b>VC030/040</b>	2769
	<b>14</b>	40	1.4	100	<b>VP050</b>			4280
	<b>14</b>	54	2.6	100			<b>VC030/050</b>	3800
	<b>14</b>	54	2.8	100			<b>VC030/063</b>	4967
	<b>11.9</b>	57*	0.9*	117.6		<b>VR063/040</b>		3314
	<b>11.7</b>	58	1.8	117.6		<b>VR063/050</b>		4548
	<b>9.5</b>	66*	0.7*	147		<b>VR063/040</b>		3490
	<b>9.5</b>	68	1.3	147		<b>VR063/050</b>		4840
	<b>9.3</b>	74	1	150			<b>VC030/040</b>	3169
	<b>9.3</b>	74	1.8	150			<b>VC030/050</b>	4350
	<b>9.3</b>	75	2.8	150			<b>VC030/063</b>	5686
<b>8</b>	75	1.1	176.4		<b>VR063/050</b>		4840	
<b>7.9</b>	74*	0.6*	176.4		<b>VR063/040</b>		3490	
<b>7</b>	94	1.3	200			<b>VC030/050</b>	4788	
<b>7</b>	95	2.7	200			<b>VC030/063</b>	6259	
<b>5.8</b>	88*	0.8*	235.2		<b>VR063/050</b>		4840	
<b>5.6</b>	110	1	250			<b>VC030/050</b>	4840	
<b>5.6</b>	114	2	250			<b>VC030/063</b>	6270	
<b>5.6</b>	120	3.2	250			<b>VC040/075</b>	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**

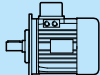
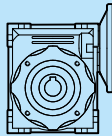
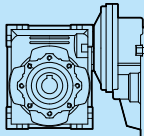
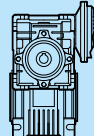
 $Pn_1$ (kW)	$n_2$ ( $\text{min}^{-1}$ )	$M_2$ (Nm)	$fs$	$i$				$FR_2$ (N)	
<b>0.12</b>									
M1 063 0.12 4P. ( $n_1 = 1400 \text{ min}^{-1}$ )	<b>4.8</b>	98*	0.7*	294		<b>VR063/050</b>		4840	
	<b>4.7</b>	119	1.2	300				<b>VC030/050</b>	4840
	<b>4.7</b>	117	2.2	300				<b>VC030/063</b>	6270
	<b>4.7</b>	134	3.3	300				<b>VC040/075</b>	7380
	<b>3.5</b>	142*	0.9*	400				<b>VC030/050</b>	4840
	<b>3.5</b>	152	1.7	400				<b>VC030/063</b>	6270
	<b>3.5</b>	164	2.5	400				<b>VC040/075</b>	7380
	<b>2.8</b>	164*	0.7*	500				<b>VC030/050</b>	4840
	<b>2.8</b>	171	1.3	500				<b>VC030/063</b>	6270
	<b>2.8</b>	188	2	500				<b>VC040/075</b>	7380
	<b>2.8</b>	202	2.8	500				<b>VC040/090</b>	8180
	<b>2.3</b>	208	1.1	600				<b>VC030/063</b>	6270
	<b>2.3</b>	248	1.8	600				<b>VC040/075</b>	7380
	<b>2.3</b>	260	2.7	600				<b>VC040/090</b>	8180
	<b>1.9</b>	241*	0.9*	750				<b>VC030/063</b>	6270
	<b>1.9</b>	299	1.5	750				<b>VC040/075</b>	7380
	<b>1.9</b>	313	2.2	750				<b>VC040/090</b>	8180
	<b>1.6</b>	297*	0.9*	900				<b>VC030/063</b>	6270
	<b>1.6</b>	325	1.2	900				<b>VC040/075</b>	7380
	<b>1.6</b>	350	2	900				<b>VC040/090</b>	8180
	<b>1.2</b>	360*	0.8*	1200				<b>VC030/063</b>	6270
	<b>1.2</b>	399*	0.9*	1200				<b>VC040/075</b>	7380
	<b>1.2</b>	434	1.6	1200				<b>VC040/090</b>	8180
	<b>1.2</b>	448	2.8	1200				<b>VC050/110</b>	10320
	<b>0.9</b>	495*	0.9*	1500				<b>VC040/075</b>	7380
	<b>0.9</b>	518	1.4	1500				<b>VC040/090</b>	8180
	<b>0.9</b>	527	2.4	1500				<b>VC050/110</b>	10320
	<b>0.8</b>	556*	0.8*	1800				<b>VC040/075</b>	7380
	<b>0.8</b>	547*	0.9*	1800				<b>VC040/090</b>	8180
	<b>0.8</b>	592	2.1	1800				<b>VC050/110</b>	10320
	<b>0.6</b>	766	1.5	2400				<b>VC050/110</b>	10320
	<b>0.58</b>	695*	0.9*	2400				<b>VC040/090</b>	8180
<b>0.5</b>	884	1.2	3000	<b>VC050/110</b>	10320				
<b>0.35</b>	784	1	4000	<b>VC050/110</b>	10320				
<b>0.28</b>	928*	0.8*	5000	<b>VC050/110</b>	10320				
M1 063 0.12 6P. ( $n_1 = 900 \text{ min}^{-1}$ )	<b>180</b>	5	3.7	5	<b>VP030</b>			692	
	<b>120</b>	8	2.5	7.5	<b>VP030</b>			792	
	<b>90</b>	10	2	10	<b>VP030</b>			871	
	<b>60</b>	14	1.4	15	<b>VP030</b>			997	
	<b>60</b>	15	3.3	15	<b>VP040</b>			1920	
	<b>45</b>	18	1.1	20	<b>VP030</b>			1098	
	<b>45</b>	19	2.5	20	<b>VP040</b>			2113	
	<b>36</b>	20	1.1	25	<b>VP030</b>			1183	
	<b>36</b>	23	1.9	25	<b>VP040</b>			2276	
	<b>30</b>	23*	0.9*	30	<b>VP030</b>			1257	
	<b>30</b>	25	1.9	30	<b>VP040</b>			2419	
	<b>22.5</b>	29*	0.7*	40	<b>VP030</b>			1383	
	<b>22.5</b>	32	1.4	40	<b>VP040</b>			2662	
	<b>22.5</b>	32	2.6	40	<b>VP050</b>			3654	
	<b>18</b>	36	1.2	50	<b>VP040</b>			2868	
	<b>18</b>	38	2	50	<b>VP050</b>			3936	
	<b>15</b>	41*	0.9*	60	<b>VP040</b>			3047	
	<b>15</b>	42	1.7	60	<b>VP050</b>			4183	
	<b>12.3</b>	62	1	73.5				<b>VR063/040</b>	3283
	<b>11.3</b>	50*	0.7*	80	<b>VP040</b>				3354
	<b>11.3</b>	50	1.4	80	<b>VP050</b>				4604
	<b>10.2</b>	68	1.1	88.2				<b>VR063/040</b>	3488
	<b>9</b>	56	1	100	<b>VP050</b>				4840
	<b>7.7</b>	83*	0.8*	117.6				<b>VR063/040</b>	3490
	<b>7.7</b>	84	1.5	117.6				<b>VR063/050</b>	4840
	<b>6.1</b>	97	1.2	147				<b>VR063/050</b>	4840
	<b>5.1</b>	108	1	176.4				<b>VR063/050</b>	4840
	<b>3.8</b>	125*	0.7*	235.2				<b>VR063/050</b>	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

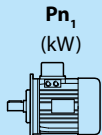
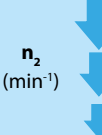
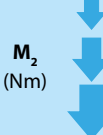
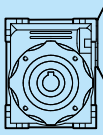
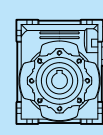
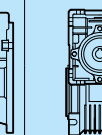
 $P_{n1}$ (kW)	$n_2$ (min <sup>-1</sup> )	$M_2$ (Nm)	$f_s$	$i$				$FR_2$ (N)
<b>0.18</b>								
M1 063 0.18 2P. ( $n_1 = 2800 \text{ min}^{-1}$ )	<b>373.3</b>	4	3.2	7.5	<b>VP030</b>			542
	<b>280</b>	5.2	2.5	10	<b>VP030</b>			597
	<b>186.7</b>	7.4	1.8	15	<b>VP030</b>			683
	<b>140</b>	9.5	1.3	20	<b>VP030</b>			752
	<b>140</b>	10	2.8	20	<b>VP040</b>			1447
	<b>112</b>	11	1.4	25	<b>VP030</b>			810
	<b>112</b>	12	2.3	25	<b>VP040</b>			1559
	<b>93.3</b>	13	1.2	30	<b>VP030</b>			861
	<b>93.3</b>	14	2.5	30	<b>VP040</b>			1657
	<b>70</b>	16*	0.9*	40	<b>VP030</b>			948
	<b>70</b>	17	1.8	40	<b>VP040</b>			1824
	<b>70</b>	18	3.2	40	<b>VP050</b>			2503
	<b>56</b>	21	1.4	50	<b>VP040</b>			1964
	<b>56</b>	21	2.5	50	<b>VP050</b>			2696
	<b>46.7</b>	24	1.2	60	<b>VP040</b>			2087
	<b>46.7</b>	24	2.1	60	<b>VP050</b>			2865
	<b>35</b>	29*	0.8*	80	<b>VP040</b>			2298
	<b>35</b>	30	1.5	80	<b>VP050</b>			3153
	<b>28</b>	34	1.2	100	<b>VP050</b>			3397
M1 063 0.18 4P. ( $n_1 = 1400 \text{ min}^{-1}$ )	<b>280</b>	5	3.4	5	<b>VP030</b>			597
	<b>186.7</b>	8	2.3	7.5	<b>VP030</b>			683
	<b>140</b>	10	1.8	10	<b>VP030</b>			752
	<b>93.3</b>	14	1.3	15	<b>VP030</b>			861
	<b>93.3</b>	15	2.9	15	<b>VP040</b>			1657
	<b>70</b>	18	1	20	<b>VP030</b>			948
	<b>70</b>	19	2	20	<b>VP040</b>			1824
	<b>56</b>	21	1	25	<b>VP030</b>			1021
	<b>56</b>	23	1.7	25	<b>VP040</b>			1964
	<b>46.7</b>	24*	0.8*	30	<b>VP030</b>			1085
	<b>46.7</b>	26	1.7	30	<b>VP040</b>			2087
	<b>35</b>	32	1.3	40	<b>VP040</b>			2298
	<b>35</b>	33	2.3	40	<b>VP050</b>			3153
	<b>28</b>	38	1	50	<b>VP040</b>			2475
	<b>28</b>	39	1.9	50	<b>VP050</b>			3397
	<b>23.3</b>	43*	0.8*	60	<b>VP040</b>			2630
	<b>23.3</b>	43	1.6	60	<b>VP050</b>			3610
	<b>19.1</b>	64*	0.8*	73.5		<b>VR063/040</b>		2833
	<b>17.5</b>	52	1.2	80	<b>VP050</b>			3973
	<b>15.9</b>	70*	0.8*	88.2		<b>VR063/040</b>		3011
	<b>14</b>	78*	0.9*	100			<b>VC030/040</b>	2769
	<b>14</b>	60*	0.9*	100	<b>VP050</b>			4280
	<b>14</b>	81	1.7	100			<b>VC030/050</b>	3800
	<b>14</b>	81	1.9	100			<b>VC030/063</b>	4967
	<b>11.9</b>	85*	0.6*	117.6		<b>VR063/040</b>		3314
	<b>11.9</b>	87	1.1	117.6		<b>VR063/050</b>		4548
	<b>9.5</b>	101*	0.9*	147		<b>VR063/050</b>		4840
	<b>9.3</b>	112	1.2	150			<b>VC030/050</b>	4350
	<b>9.3</b>	113	1.9	150			<b>VC030/063</b>	5686
	<b>7.9</b>	113*	0.7*	176.4		<b>VR063/050</b>		4840
	<b>7</b>	141*	0.9*	200			<b>VC030/050</b>	4788
	<b>7</b>	143	1.8	200			<b>VC030/063</b>	6259
	<b>7</b>	150	2.8	200			<b>VC040/075</b>	7380
<b>5.8</b>	133*	0.6*	235.2		<b>VR063/050</b>		4840	

\* **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  $f_s$ :  $M_{m2} = M_2 \times f_s$



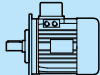
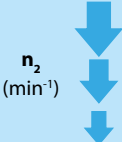
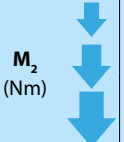
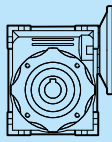
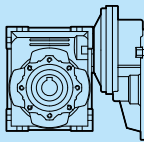
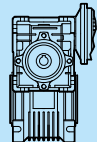
**Tabella dati tecnici motoriduttori / Table technical data gearmotors**

 $Pn_1$ (kW)	 $n_2$ (min <sup>-1</sup> )	 $M_2$ (Nm)	$fs$	$i$				$FR_2$ (N)
<b>0.18</b>								
M1 063 0.18 4P. ( $n_1 = 1400 \text{ min}^{-1}$ )	<b>5.6</b>	171	1.4	250			<b>VC030/063</b>	6270
	<b>5.6</b>	180	2.1	250			<b>VC040/075</b>	7380
	<b>5.6</b>	188	3	250			<b>VC040/090</b>	8180
	<b>4.7</b>	183*	0.8*	300			<b>VC030/050</b>	4840
	<b>4.7</b>	175	1.5	300			<b>VC030/063</b>	6270
	<b>4.7</b>	200	2.2	300			<b>VC040/075</b>	7380
	<b>4.7</b>	210	3.3	300			<b>VC040/090</b>	8180
	<b>3.5</b>	222	1	400			<b>VC030/063</b>	6270
	<b>3.5</b>	246	1.7	400			<b>VC040/075</b>	7380
	<b>3.5</b>	259	2.4	400			<b>VC040/090</b>	8180
	<b>2.8</b>	257*	0.8*	500			<b>VC030/063</b>	6270
	<b>2.8</b>	282	1.3	500			<b>VC040/075</b>	7380
	<b>2.8</b>	303	1.9	500			<b>VC040/090</b>	8180
	<b>2.3</b>	333*	0.8*	600			<b>VC030/063</b>	6270
	<b>2.3</b>	362	1.1	600			<b>VC040/075</b>	7380
	<b>2.3</b>	390	1.8	600			<b>VC040/090</b>	8180
	<b>1.9</b>	435*	0.9*	750			<b>VC040/075</b>	7380
	<b>1.9</b>	469	1.5	750			<b>VC040/090</b>	8180
	<b>1.6</b>	487*	0.8*	900			<b>VC040/075</b>	7380
	<b>1.6</b>	526	1.3	900			<b>VC040/090</b>	8180
<b>1.2</b>	622*	0.7*	1200			<b>VC040/075</b>	7380	
<b>1.2</b>	629	1	1200			<b>VC040/090</b>	8180	
<b>1.2</b>	671	1.9	1200			<b>VC050/110</b>	10320	
<b>0.9</b>	735*	0.8*	1500			<b>VC040/090</b>	8180	
<b>0.9</b>	790	1.6	1500			<b>VC050/110</b>	10320	
<b>0.8</b>	874*	0.8*	1800			<b>VC040/090</b>	8180	
<b>0.8</b>	861	1.5	1800			<b>VC050/110</b>	10320	
<b>0.58</b>	1113	1.1	2400			<b>VC050/110</b>	10320	
<b>0.5</b>	1370*	0.8*	3000			<b>VC050/110</b>	10320	
M1 071 0.18 6P. ( $n_1 = 900 \text{ min}^{-1}$ )	<b>90</b>	16	3	10	<b>VP040</b>			1677
	<b>60</b>	23	2.2	15	<b>VP040</b>			1920
	<b>45</b>	29	1.5	20	<b>VP040</b>			2113
	<b>45</b>	29	2.8	20	<b>VP050</b>			2900
	<b>36</b>	34	1.3	25	<b>VP040</b>			2276
	<b>36</b>	35	2.1	25	<b>VP050</b>			3124
	<b>30</b>	38	1.3	30	<b>VP040</b>			2419
	<b>30</b>	40	2.4	30	<b>VP050</b>			3320
	<b>22.5</b>	47	1	40	<b>VP040</b>			2662
	<b>22.5</b>	49	1.8	40	<b>VP050</b>			3654
	<b>22.5</b>	50	3.4	40	<b>VP063</b>			4776
	<b>18</b>	56	1.4	50	<b>VP050</b>			3936
	<b>18</b>	59	2.7	50	<b>VP063</b>			5145
	<b>15</b>	63	1.1	60	<b>VP050</b>			4183
	<b>15</b>	66	2.1	60	<b>VP063</b>			5467
	<b>15</b>	66	2.1	60	<b>VP075</b>			5467
	<b>12.2</b>	95	1.2	73.5		<b>VR071/050</b>		4506
	<b>11.3</b>	75*	0.9*	80	<b>VP050</b>			4604
	<b>11.3</b>	79	1.6	80	<b>VP063</b>			6018
	<b>11.3</b>	79	1.6	80	<b>VP075</b>			6018
	<b>10.2</b>	105	1.4	88.2		<b>VR071/050</b>		4788
	<b>9</b>	90	1.4	100	<b>VP063</b>			6270
	<b>9</b>	90	1.4	100	<b>VP075</b>			6270
	<b>7.7</b>	126	1	117.6		<b>VR071/050</b>		4840
	<b>7.7</b>	131	1.8	117.6		<b>VR071/063</b>		6270
	<b>6.1</b>	152	1.4	147		<b>VR071/063</b>		6270
	<b>6</b>	148*	0.8*	147		<b>VR071/050</b>		
	<b>5.1</b>	168	1.2	176.4		<b>VR071/063</b>		6270
	<b>5.1</b>	179	1.7	176.4		<b>VR071/075</b>		7380
	<b>3.8</b>	197*	0.9*	235.2		<b>VR071/063</b>		6270
	<b>3.8</b>	211	1.2	235.2		<b>VR071/075</b>		7380
	<b>3.1</b>	218*	0.7*	294		<b>VR071/063</b>		6270
	<b>3.1</b>	235	1	294		<b>VR071/075</b>		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  $fs$ :  $M_{m2} = M_2 \times fs$

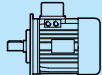
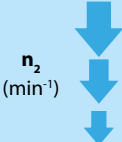
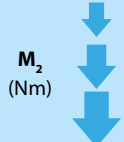
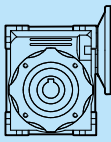
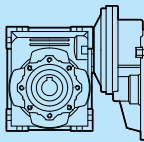
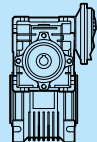
Tabella dati tecnici motoriduttori / Table technical data gearmotors

 $Pn_1$ (kW)	 $n_2$ (min <sup>-1</sup> )	 $M_2$ (Nm)	$fs$	$i$				$FR_2$ (N)
<b>0.25</b>								
M1 063 0.25 2P. (n1 = 2800 min <sup>-1</sup> )	<b>373.3</b>	5.6	2.3	7.5	<b>VP030</b>			542
	<b>280</b>	7.2	1.8	10	<b>VP030</b>			597
	<b>186.7</b>	10	1.3	15	<b>VP030</b>			683
	<b>186.7</b>	11	2.9	15	<b>VP040</b>			1315
	<b>140</b>	13*	0.9*	20	<b>VP030</b>			752
	<b>140</b>	14	2	20	<b>VP040</b>			1447
	<b>112</b>	15	1	25	<b>VP030</b>			810
	<b>112</b>	17	1.6	25	<b>VP040</b>			1559
	<b>93.3</b>	18*	0.8*	30	<b>VP030</b>			861
	<b>93.3</b>	20	1.7	30	<b>VP040</b>			1657
	<b>70</b>	25	1.2	40	<b>VP040</b>			1824
	<b>70</b>	25	2.3	40	<b>VP050</b>			2503
	<b>56</b>	29	1	50	<b>VP040</b>			1964
	<b>56</b>	30	1.8	50	<b>VP050</b>			2696
	<b>46.7</b>	34*	0.8*	60	<b>VP040</b>			2087
	<b>46.7</b>	34	1.5	60	<b>VP050</b>			2865
	<b>35</b>	42	1.1	80	<b>VP040</b>			3153
	<b>28</b>	48*	0.8*	100	<b>VP040</b>			3397
	<b>7</b>	150	1.4	400			<b>VC030/063</b>	6270
	<b>5.6</b>	175	1.2	500			<b>VC030/063</b>	6270
M1 071 0.25 4P. (n1 = 1400 min <sup>-1</sup> )	<b>280</b>	8	4.5	5	<b>VP040</b>			1149
	<b>186.7</b>	11	3.6	7.5	<b>VP040</b>			1315
	<b>140</b>	14	2.8	10	<b>VP040</b>			1447
	<b>93.3</b>	21	1.9	15	<b>VP040</b>			1657
	<b>70</b>	27	1.5	20	<b>VP040</b>			1824
	<b>70</b>	27	2.7	20	<b>VP050</b>			2503
	<b>56</b>	32	1.2	25	<b>VP040</b>			1964
	<b>56</b>	32	2.2	25	<b>VP050</b>			2696
	<b>46.7</b>	36	1.3	30	<b>VP040</b>			2087
	<b>46.7</b>	37	2.3	30	<b>VP050</b>			2865
	<b>35</b>	44*	0.9*	40	<b>VP040</b>			2298
	<b>35</b>	46	1.7	40	<b>VP050</b>			3153
	<b>35</b>	48	3.1	40	<b>VP063</b>			4122
	<b>28</b>	54	1.4	50	<b>VP050</b>			3397
	<b>28</b>	56	2.4	50	<b>VP063</b>			4440
	<b>23.3</b>	60	1.1	60	<b>VP050</b>			3610
	<b>23.3</b>	63	2	60	<b>VP063</b>			4719
	<b>23.3</b>	68	3.2	60	<b>VP075</b>			5569
	<b>19</b>	88	1	73.5		<b>VR071/050</b>		3889
	<b>17.5</b>	72*	0.9*	80	<b>VP050</b>			3973
	<b>17.5</b>	78	1.6	80	<b>VP063</b>			5193
	<b>17.5</b>	82	2.3	80	<b>VP075</b>			6130
	<b>15.9</b>	98	1.1	88.2		<b>VR071/050</b>		4132
	<b>14</b>	87	1.4	100	<b>VP063</b>			5595
	<b>14</b>	94	1.9	100	<b>VP075</b>			6603
	<b>11.9</b>	121*	0.8*	117.6		<b>VR071/050</b>		4548
	<b>11.9</b>	125	1.5	117.6		<b>VR071/063</b>		5945
	<b>9.5</b>	143	1.2	147		<b>VR071/063</b>		6270
	<b>9.5</b>	151	1.7	147		<b>VR071/075</b>		7380
	<b>7.9</b>	163	1	176.4		<b>VR071/063</b>		6270
	<b>7.9</b>	172	1.4	176.4		<b>VR071/075</b>		7380
	<b>7</b>	209	2	200			<b>VC040/075</b>	7380
	<b>7</b>	217	2.8	200			<b>VC040/090</b>	8174
	<b>6</b>	192*	0.7*	235.2		<b>VR071/063</b>		6270
<b>6</b>	201	1.1	235.2		<b>VR071/075</b>		7380	
<b>5.6</b>	250	1.5	250			<b>VC040/075</b>	7380	
<b>5.6</b>	261	2.2	250			<b>VC040/090</b>	8180	
<b>4.8</b>	215*	0.6*	294		<b>VR071/063</b>		6270	
<b>4.8</b>	230*	0.9*	294		<b>VR071/075</b>		7380	
<b>4.7</b>	278	1.6	300			<b>VC040/075</b>	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  $fs$ :  $M_{m2} = M_2 \times fs$

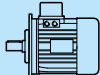
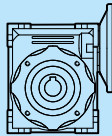
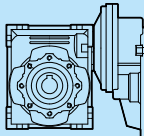
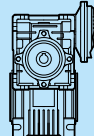
**Tabella dati tecnici motoriduttori / Table technical data gearmotors**

 $P_{n1}$ (kW)	 $n_2$ (min <sup>-1</sup> )	 $M_2$ (Nm)	$fs$	$i$				$FR_2$ (N)
<b>0.25</b>								
M1 071 0.25 4P. (n1 = 1400 min <sup>-1</sup> )	<b>4.7</b>	291	2.4	300			<b>VC040/090</b>	8180
	<b>3.5</b>	336	1.1	400			<b>VC040/075</b>	7380
	<b>3.5</b>	359	1.7	400			<b>VC040/090</b>	8180
	<b>3.5</b>	386	3.1	400			<b>VC050/110</b>	10320
	<b>2.8</b>	384*	0.8*	500			<b>VC040/075</b>	7380
	<b>2.8</b>	420	1.3	500			<b>VC040/090</b>	8180
	<b>2.8</b>	512	2.3	500			<b>VC050/110</b>	10320
	<b>2.8</b>	460	3.4	500			<b>VC063/130</b>	13500
	<b>2.3</b>	517*	0.9*	600			<b>VC040/075</b>	7380
	<b>2.3</b>	512	1.2	600			<b>VC040/090</b>	8180
	<b>2.3</b>	548	2.3	600			<b>VC050/110</b>	10320
	<b>2.3</b>	571	3.1	600			<b>VC063/130</b>	13500
	<b>1.9</b>	622*	0.7*	750			<b>VC040/075</b>	7380
	<b>1.9</b>	598*	0.9*	750			<b>VC040/090</b>	8180
	<b>1.9</b>	660	1.9	750			<b>VC050/110</b>	10320
	<b>1.9</b>	687	2.6	750			<b>VC063/130</b>	13500
	<b>1.9</b>	666	3.5	750			<b>VC063/150</b>	18000
	<b>1.6</b>	667*	0.8*	900			<b>VC040/090</b>	8180
	<b>1.6</b>	751	1.7	900			<b>VC050/110</b>	10320
	<b>1.6</b>	783	2.2	900			<b>VC063/130</b>	13500
	<b>1.6</b>	840	2.5	900			<b>VC063/150</b>	18000
	<b>1.2</b>	905*	0.8*	1200			<b>VC040/090</b>	8180
	<b>1.2</b>	943	1.3	1200			<b>VC050/110</b>	10320
	<b>1.2</b>	988	1.8	1200			<b>VC063/130</b>	13500
	<b>1.2</b>	1013	2.6	1200			<b>VC063/150</b>	18000
	<b>0.9</b>	1064	1.2	1500			<b>VC050/110</b>	10320
	<b>0.9</b>	1165	1.5	1500			<b>VC063/130</b>	13500
	<b>0.8</b>	1315	1.3	1800			<b>VC063/130</b>	13500
	<b>0.8</b>	1199	1.8	1800			<b>VC063/150</b>	18000
	<b>0.8</b>	1195	1.1	1800			<b>VC050/110</b>	10320
	<b>0.6</b>	1676*	0.7*	2400			<b>VC050/110</b>	10320
	<b>0.6</b>	1624	1	2400			<b>VC063/130</b>	13500
<b>0.6</b>	1446	1.8	2400			<b>VC063/150</b>	18000	
<b>0.5</b>	1935*	0.8*	3000			<b>VC063/130</b>	13500	
<b>0.5</b>	1713	1.4	3000			<b>VC063/150</b>	18000	
<b>0.4</b>	2046*	0.6*	4000			<b>VC063/130</b>	13500	
<b>0.4</b>	2026*	0.9*	4000			<b>VC063/150</b>	18000	
<b>0.3</b>	2430*	0.5*	5000			<b>VC063/130</b>	13500	
<b>0.3</b>	2251*	0.7*	5000			<b>VC063/150</b>	18000	
M1 071 0.25 6P. (n1 = 900 min <sup>-1</sup> )	<b>180</b>	12	3.5	5	<b>VP040</b>			1331
	<b>120</b>	17	2.6	7.5	<b>VP040</b>			1524
	<b>90</b>	22	2	10	<b>VP040</b>			1677
	<b>60</b>	31	1.4	15	<b>VP040</b>			1920
	<b>60</b>	32	2.9	15	<b>VP050</b>			2635
	<b>45</b>	40	1.1	20	<b>VP040</b>			2113
	<b>45</b>	40	1.9	20	<b>VP050</b>			2900
	<b>36</b>	48*	0.9*	25	<b>VP040</b>			2276
	<b>36</b>	48	1.5	25	<b>VP050</b>			3124
	<b>36</b>	50	3	25	<b>VP063</b>			4084
	<b>30</b>	53*	0.9*	30	<b>VP040</b>			2419
	<b>30</b>	54	1.7	30	<b>VP050</b>			3320
	<b>30</b>	57	3.1	30	<b>VP063</b>			4339
	<b>22.5</b>	67*	0.7*	40	<b>VP040</b>			2662
	<b>22.5</b>	67	1.2	40	<b>VP050</b>			3654
	<b>22.5</b>	70	2.4	40	<b>VP063</b>			4776
	<b>18</b>	78	1	50	<b>VP050</b>			3936
	<b>18</b>	81	1.8	50	<b>VP063</b>			5145
	<b>18</b>	85	3	50	<b>VP075</b>			6073
	<b>15</b>	88*	0.8*	60	<b>VP050</b>			4183
	<b>15</b>	92	1.5	60	<b>VP063</b>			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  $fs$ :  $M_{m2} = M_2 \times fs$

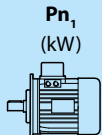
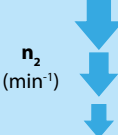
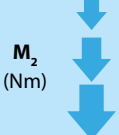
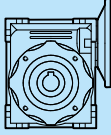
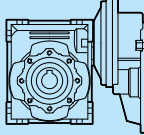
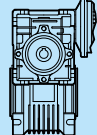
Tabella dati tecnici motoriduttori / Table technical data gearmotors

 $P_{n1}$ (kW)	$n_2$ ( $\text{min}^{-1}$ )	$M_2$ (Nm)	$f_s$	$i$				$FR_2$ (N)
<b>0.25</b>								
M1 071 0.25 6P. ( $n_1 = 900 \text{ min}^{-1}$ )	<b>15</b>	99	2.5	60	<b>VP075</b>			6453
	<b>11.3</b>	110	1.2	80	<b>VP063</b>			6018
	<b>11.3</b>	117	1.7	80	<b>VP075</b>			7103
	<b>9</b>	125	1	100	<b>VP063</b>			6270
	<b>9</b>	133	1.4	100	<b>VP075</b>			7380
	<b>7.7</b>	181	1.3	117.6		<b>VR071/063</b>		6270
	<b>6.1</b>	211	1	147		<b>VR071/063</b>		6270
	<b>6.1</b>	219	1.5	147		<b>VR071/075</b>		7380
	<b>5.1</b>	248	1.2	176.4		<b>VR071/075</b>		7380
	<b>0.37</b>							
M1 071 0.37 2P.. ( $n_1 = 2800 \text{ min}^{-1}$ )	<b>373.3</b>	8.3	3.4	7.5	<b>VP040</b>			1044
	<b>280</b>	11	2.6	10	<b>VP040</b>			1149
	<b>186.7</b>	16	1.9	15	<b>VP040</b>			1315
	<b>140</b>	20	1.4	20	<b>VP040</b>			1447
	<b>112</b>	25	1.1	25	<b>VP040</b>			1559
	<b>112</b>	25	2	25	<b>VP050</b>			2140
	<b>93.3</b>	29	1.2	30	<b>VP040</b>			1657
	<b>93.3</b>	29	2.2	30	<b>VP050</b>			2274
	<b>70</b>	37*	0.8*	40	<b>VP040</b>			1824
	<b>70</b>	37	1.6	40	<b>VP050</b>			2503
	<b>70</b>	38	2.9	40	<b>VP063</b>			3272
	<b>56</b>	44	1.2	50	<b>VP050</b>			2696
	<b>56</b>	45	2.3	50	<b>VP063</b>			3524
	<b>56</b>	47	3.5	50	<b>VP075</b>			4160
	<b>46.7</b>	50	1	60	<b>VP050</b>			2865
	<b>46.7</b>	52	1.9	60	<b>VP063</b>			3745
	<b>46.7</b>	55	2.9	60	<b>VP075</b>			4421
	<b>35</b>	62*	0.7*	80	<b>VP050</b>			3153
	<b>35</b>	65	1.4	80	<b>VP063</b>			4122
	<b>35</b>	68	2.1	80	<b>VP075</b>			4865
<b>28</b>	74	1.1	100	<b>VP063</b>			4440	
<b>28</b>	78	1.7	100	<b>VP075</b>			5241	
M1 071 0.37 4P.. ( $n_1 = 1400 \text{ min}^{-1}$ )	<b>280</b>	11	3	5	<b>VP040</b>			1149
	<b>186.7</b>	16	2.4	7.5	<b>VP040</b>			1315
	<b>140</b>	21	1.9	10	<b>VP040</b>			1447
	<b>140</b>	22	3.3	10	<b>VP050</b>			1987
	<b>93.3</b>	31	1.3	15	<b>VP040</b>			1657
	<b>93.3</b>	31	2.4	15	<b>VP050</b>			2274
	<b>70</b>	39	1	20	<b>VP040</b>			1824
	<b>70</b>	40	1.8	20	<b>VP050</b>			2503
	<b>56</b>	47*	0.8*	25	<b>VP040</b>			1964
	<b>56</b>	48	1.5	25	<b>VP050</b>			2696
	<b>56</b>	50	2.7	25	<b>VP063</b>			3524
	<b>46.7</b>	53*	0.8*	30	<b>VP040</b>			2087
	<b>46.7</b>	55	1.5	30	<b>VP050</b>			2865
	<b>46.7</b>	57	2.8	30	<b>VP063</b>			3745
	<b>35</b>	68	1.1	40	<b>VP050</b>			3153
	<b>35</b>	71	2.1	40	<b>VP063</b>			4122
	<b>35</b>	74	3.3	40	<b>VP075</b>			4865
	<b>28</b>	80*	0.9*	50	<b>VP050</b>			3397
	<b>28</b>	83	1.6	50	<b>VP063</b>			4440
	<b>28</b>	88	2.5	50	<b>VP075</b>			5241
<b>23.3</b>	89*	0.8*	60	<b>VP050</b>			3610	
<b>23.3</b>	94	1.4	60	<b>VP063</b>			4719	
<b>23.3</b>	98	2.0	60	<b>VP075</b>			5569	

\* **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  $f_s$ :  $M_{m2} = M_2 \times f_s$

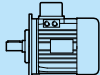
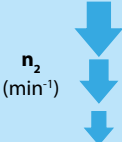
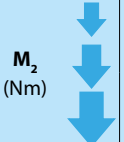
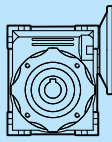
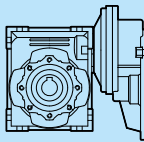
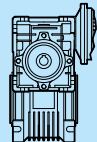
**Tabella dati tecnici motoriduttori / Table technical data gearmotors**

 $Pn_1$ (kW)	 $n_2$ (min <sup>-1</sup> )	 $M_2$ (Nm)	$fs$	$i$				$FR_2$ (N)				
<b>0.37</b>												
M1 071 0.37 4P. ( $n_1 = 1400 \text{ min}^{-1}$ )	<b>17.5</b>	115	1.1	80	<b>VP063</b>			5193				
	<b>17.5</b>	121	1.6	80				<b>VP075</b>	6130			
	<b>14</b>	129*	0.9*	100				<b>VP063</b>	5595			
	<b>14.0</b>	139	1.3	100				<b>VP075</b>	6603			
	<b>11.9</b>	185	1	117.6				<b>VR071/063</b>	<b>VR071/063</b>	5945		
	<b>9.5</b>	212*	0.8*	147						<b>VR071/063</b>	6270	
	<b>9.5</b>	223	1.1	147						<b>VR071/075</b>	7380	
	<b>7.9</b>	254*	0.9*	176.4						<b>VR071/075</b>	7380	
	<b>7</b>	309	1.4	200						<b>VC040/075</b>	<b>VC040/075</b>	7380
	<b>7</b>	322	1.9	200								<b>VC040/090</b>
	<b>7</b>	338	3.4	200	<b>VC050/110</b>	10320						
	<b>5.6</b>	370	1	250	<b>VC040/075</b>	7380						
	<b>5.6</b>	386	1.5	250	<b>VC040/090</b>	8180						
	<b>5.6</b>	412	2.8	250	<b>VC050/110</b>	10320						
	<b>4.7</b>	405	1	300	<b>VC040/075</b>	7380						
	<b>4.7</b>	402	1.5	300	<b>VC040/090</b>	8180						
	<b>4.7</b>	441	2.9	300	<b>VC050/110</b>	10320						
	<b>3.5</b>	498*	0.7*	400	<b>VC040/075</b>	7380						
	<b>3.5</b>	523	1.2	400	<b>VC040/090</b>	8180						
	<b>3.5</b>	571	2.1	400	<b>VC050/110</b>	10320						
	<b>3.5</b>	571	2.9	400	<b>VC063/130</b>	13500						
	<b>2.8</b>	611*	0.9*	500	<b>VC040/090</b>	8180						
	<b>2.8</b>	757	1.5	500	<b>VC050/110</b>	10320						
	<b>2.8</b>	681	2.3	500	<b>VC063/130</b>	13500						
	<b>2.8</b>	681	3.4	500	<b>VC063/150</b>	18000						
	<b>2.3</b>	757*	0.8*	600	<b>VC040/090</b>	8180						
	<b>2.3</b>	812	1.6	600	<b>VC050/110</b>	10320						
	<b>2.3</b>	844	2.1	600	<b>VC063/130</b>	13500						
	<b>2.3</b>	840	3.2	600	<b>VC063/150</b>	18000						
	<b>1.9</b>	950	1.3	750	<b>VC050/110</b>	10320						
	<b>1.9</b>	1017	1.7	750	<b>VC063/130</b>	13500						
	<b>1.9</b>	986	2.4	750	<b>VC063/150</b>	18000						
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	<b>1.6</b>	1158	1.5	900	<b>VC063/130</b>	13500						
	<b>1.6</b>	1244	1.7	900	<b>VC063/150</b>	18000						
	<b>1.2</b>	1396*	0.8*	1200	<b>VC050/110</b>	10320						
	<b>1.2</b>	1462	1.2	1200	<b>VC063/130</b>	13500						
	<b>1.2</b>	1499	1.8	1200	<b>VC063/150</b>	18000						
	<b>0.9</b>	1623*	0.8*	1500	<b>VC050/110</b>	10320						
	<b>0.9</b>	1674	1.1	1500	<b>VC063/130</b>	13500						
	<b>0.8</b>	1887*	0.9*	1800	<b>VC063/150</b>	18000						
	<b>0.8</b>	1775	1.2	1800	<b>VC063/130</b>	13500						
	<b>0.6</b>	2141	1.2	2400	<b>VC063/150</b>	18000						
	<b>0.5</b>	2535*	0.9*	3000	<b>VC063/150</b>	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  $fs$ :  $M_{m2} = M_2 \times fs$

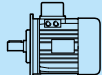
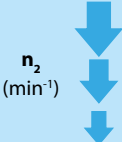
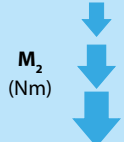
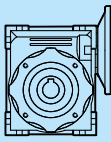
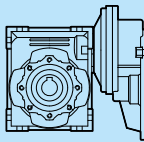
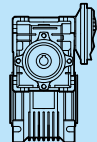
Tabella dati tecnici motoriduttori / Table technical data gearmotors

 $Pn_1$ (kW)	 $n_2$ (min <sup>-1</sup> )	 $M_2$ (Nm)	$fs$	$i$				$FR_2$ (N)
<b>0.37</b>								
M1 080 0.37 6P. (n1 = 900 min <sup>-1</sup> )	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**

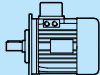
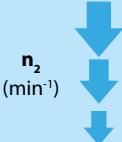
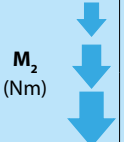
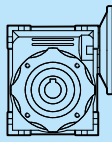
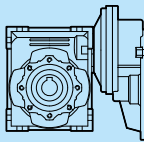
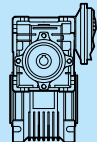
 $Pn_1$ (kW)	 $n_2$ ( $\text{min}^{-1}$ )	 $M_2$ (Nm)	$fs$	$i$				$FR_2$ (N)
<b>0.55</b>								
M1 071 0.55 2P. ( $n_1 = 2800 \text{ min}^{-1}$ )	<b>373</b>	12	2.3	7.5	<b>VP040</b>			1044
	<b>280</b>	16	1.8	10	<b>VP040</b>			1149
	<b>280</b>	17	3.2	10	<b>VP050</b>			1577
	<b>187</b>	24	1.3	15	<b>VP040</b>			1315
	<b>186.7</b>	24	2.4	15	<b>VP050</b>			18,5
	<b>140</b>	30	1	20	<b>VP040</b>			1447
	<b>140</b>	31	1.7	20	<b>VP050</b>			1987
	<b>140</b>	32	3.3	20	<b>VP063</b>			2597
	<b>112</b>	37*	0.8*	25	<b>VP040</b>			1559
	<b>112</b>	38	1.4	25	<b>VP050</b>			2140
	<b>112</b>	39	2.5	25	<b>VP063</b>			2797
	<b>93.3</b>	43*	0.8*	30	<b>VP040</b>			1657
	<b>93.3</b>	43	1.5	30	<b>VP050</b>			2274
	<b>93.3</b>	44	2.7	30	<b>VP063</b>			2973
	<b>70</b>	55	1.1	40	<b>VP050</b>			2503
	<b>70</b>	56	1.9	40	<b>VP063</b>			3272
	<b>70</b>	59	3.1	40	<b>VP075</b>			3862
	<b>56</b>	65*	0.8*	50	<b>VP050</b>			2696
	<b>56</b>	68	1.5	50	<b>VP063</b>			3524
	<b>56</b>	70	2.3	50	<b>VP075</b>			4160
	<b>46.7</b>	74*	0.7*	60	<b>VP050</b>			2865
	<b>46.7</b>	78	1.2	60	<b>VP063</b>			3745
	<b>46.7</b>	81	2	60	<b>VP075</b>			4421
	<b>35</b>	96*	0.9*	80	<b>VP063</b>			4122
	<b>35</b>	99	1.3	80	<b>VP075</b>			4865
	<b>28</b>	111*	0.7*	100	<b>VP063</b>			4440
	<b>28</b>	116	1	100	<b>VP075</b>			5241
	M1 080 0.55 4P. ( $n_1 = 1400 \text{ min}^{-1}$ )	<b>280</b>	17	3.7	5	<b>VP050</b>		
<b>186.7</b>		25	2.9	7.5	<b>VP050</b>			1805
<b>140</b>		32	2.2	10	<b>VP050</b>			1987
<b>93.3</b>		46	1.6	15	<b>VP050</b>			2274
<b>93.3</b>		47	3.2	15	<b>VP063</b>			2973
<b>70</b>		59	1.2	20	<b>VP050</b>			2503
<b>70</b>		61	2.2	20	<b>VP063</b>			3272
<b>56</b>		71	1	25	<b>VP050</b>			2696
<b>56</b>		73	1.8	25	<b>VP063</b>			3524
<b>56</b>		76	2.8	25	<b>VP075</b>			4160
<b>46.7</b>		81	1	30	<b>VP050</b>			2865
<b>46.7</b>		83	1.9	30	<b>VP063</b>			3745
<b>46.7</b>		87	2.9	30	<b>VP075</b>			4421
<b>35</b>		97	0.8*	40	<b>VP050</b>			3153
<b>35</b>		105	1.4	40	<b>VP063</b>			4122
<b>35</b>		108	2	40	<b>VP075</b>			4865
<b>35</b>		114	3.5	40	<b>VP090</b>			5383
<b>28</b>		124	1.1	50	<b>VP063</b>			4440
<b>28</b>		129	1.6	50	<b>VP075</b>			5241
<b>28</b>		137	2.7	50	<b>VP090</b>			5799
<b>23.3</b>		140*	0.9*	60	<b>VP063</b>			4719
<b>23.3</b>		146	1.4	60	<b>VP075</b>			5569
<b>23.3</b>		158	2.2	60	<b>VP090</b>			6163
<b>18.7</b>		205	1.2	75		<b>VR080/075</b>		6000
<b>17.5</b>		180	1.1	80	<b>VP075</b>			6130
<b>17.5</b>		189	1.5	80	<b>VP090</b>			6783
<b>17.5</b>		201	2.6	80	<b>VP110</b>			8571
<b>15.6</b>		230	1.3	90		<b>VR080/075</b>		6375
<b>14</b>		206*	0.9*	100	<b>VP075</b>			6603
<b>14</b>		221	1.2	100	<b>VP090</b>			7306
<b>14</b>		236	2	100	<b>VP110</b>			9232
<b>14</b>		268	2.4	100			<b>VC050/110</b>	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  $fs$ :  $M_{m2} = M_2 \times fs$



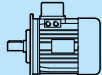
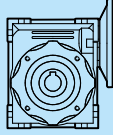
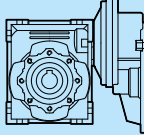
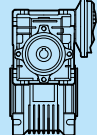
Tabella dati tecnici motoriduttori / Table technical data gearmotors

 $P_{n1}$ (kW)	 $n_2$ ( $\text{min}^{-1}$ )	 $M_2$ (Nm)	$f_s$	$i$				$FR_2$ (N)
<b>0.55</b>								
M1 080 0.55 4P. ( $n_1 = 1400 \text{ min}^{-1}$ )	<b>11.7</b>	284	1	120		<b>VR080/075</b>		7017
	<b>11.7</b>	297	1.6	120		<b>VR080/090</b>		7764
	<b>9.3</b>	332*	0.8*	150		<b>VR080/075</b>		7380
	<b>9.3</b>	355	1.3	150		<b>VR080/090</b>		8180
	<b>9.3</b>	387	2.4	150			<b>VC050/110</b>	10320
	<b>7.8</b>	398	1	180		<b>VR080/090</b>		8180
	<b>7</b>	503	2.3	200			<b>VC050/110</b>	10320
	<b>5.8</b>	513	1.3	240		<b>VR080/110</b>		10320
	<b>5.6</b>	612	1.9	250			<b>VC050/110</b>	10320
	<b>5.6</b>	612	2.5	250			<b>VC063/130</b>	13500
	<b>4.7</b>	597	1	300		<b>VR080/110</b>		10320
	<b>4.7</b>	639	2	300			<b>VC050/110</b>	10320
	<b>4.7</b>	666	2.6	300			<b>VC063/130</b>	13500
	<b>3.5</b>	826	1.4	400			<b>VC050/110</b>	10320
	<b>3.5</b>	849	1.9	400			<b>VC063/130</b>	13500
	<b>2.8</b>	984	1.1	500			<b>VC050/110</b>	10320
	<b>2.8</b>	996	1.6	500			<b>VC063/130</b>	13500
	<b>2.3</b>	1181	1	600			<b>VC050/110</b>	10320
	<b>1.9</b>	1411*	0.9*	750			<b>VC050/110</b>	10320
	<b>1.9</b>	1471	1.2	750			<b>VC063/130</b>	13500
	<b>1.6</b>	1651*	0.8*	900			<b>VC050/110</b>	10320
	<b>1.2</b>	2132*	0.8*	1200			<b>VC063/130</b>	13500
	<b>0.8</b>	2638*	0.8*	1800			<b>VC063/150</b>	18000
<b>0.6</b>	3182*	0.8*	2400			<b>VC063/150</b>	18000	
M1 080 0.55 6P. ( $n_1 = 900 \text{ min}^{-1}$ )	<b>120</b>	38	2.2	7.5	<b>VP050</b>			2091
	<b>90</b>	49	1.7	10	<b>VP050</b>			2302
	<b>90</b>	50	3.1	10	<b>VP063</b>			3009
	<b>60</b>	69	1.2	15	<b>VP050</b>			2635
	<b>60</b>	71	2.2	15	<b>VP063</b>			3444
	<b>45</b>	89*	0.9*	20	<b>VP050</b>			2900
	<b>45</b>	90	1.6	20	<b>VP063</b>			3791
	<b>45</b>	93	2.9	20	<b>VP075</b>			4474
	<b>36</b>	109	1.3	25	<b>VP063</b>			4084
	<b>36</b>	124	2.1	25	<b>VP075</b>			4820
	<b>36</b>	117	3.5	25	<b>VP090</b>			5333
	<b>30</b>	123	1.4	30	<b>VP063</b>			4339
	<b>30</b>	128	2	30	<b>VP075</b>			5122
	<b>22.5</b>	152	1.1	40	<b>VP063</b>			4776
	<b>22.5</b>	159	1.5	40	<b>VP075</b>			5637
	<b>22.5</b>	168	2.7	40	<b>VP090</b>			6238
	<b>18</b>	181*	0.9*	50	<b>VP063</b>			5145
	<b>18</b>	187	1.2	50	<b>VP075</b>			6073
	<b>18</b>	198	2	50	<b>VP090</b>			6719
	<b>15</b>	207*	0.7*	60	<b>VP063</b>			5467
	<b>15</b>	214	1	60	<b>VP075</b>			6453
	<b>15</b>	224	1.6	60	<b>VP090</b>			7140
	<b>15</b>	242	2.8	60	<b>VP110</b>			9023
	<b>12</b>	306	1.1	75			<b>VR080/075</b>	6952
	<b>11.3</b>	262*	0.8*	80	<b>VP075</b>			7103
	<b>11.3</b>	275	1.1	80	<b>VP090</b>			7859
	<b>11.3</b>	294	1.9	80	<b>VP110</b>			9931
	<b>10</b>	341	1.1	90			<b>VR080/075</b>	7380
	<b>9</b>	315*	0.9*	100	<b>VP090</b>			8180
	<b>9</b>	338	1.5	100	<b>VP110</b>			10320
	<b>7.5</b>	441	1.4	120			<b>VR080/090</b>	8180
	<b>6</b>	516	1.1	150			<b>VR080/090</b>	8180
<b>5</b>	578*	0.9*	180			<b>VR080/090</b>	8180	
<b>3.8</b>	756	1.1	240			<b>VR080/110</b>	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**

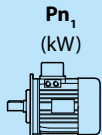
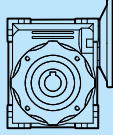
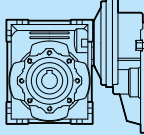
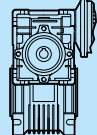
 $P_{n1}$ (kW)	$n_2$ (min <sup>-1</sup> )	$M_2$ (Nm)	$f_s$	$i$				$FR_2$ (N)
<b>0.75</b>								
M3 080 0.75 2P. ( $n_1 = 2800 \text{ min}^{-1}$ )	<b>373.3</b>	17	3	7.5	<b>VP050</b>			1433
	<b>280</b>	22	2.4	10	<b>VP050</b>			1577
	<b>186.7</b>	31	1.7	15	<b>VP050</b>			1805
	<b>186.7</b>	33	3.3	15	<b>VP063</b>			2359
	<b>140</b>	41	1.3	20	<b>VP050</b>			1987
	<b>140</b>	43	2.3	20	<b>VP063</b>			2597
	<b>112</b>	49	1	25	<b>VP050</b>			2140
	<b>112</b>	52	1.8	25	<b>VP063</b>			2797
	<b>112</b>	54	2.9	25	<b>VP075</b>			3302
	<b>93.3</b>	56	1.1	30	<b>VP050</b>			2274
	<b>93.3</b>	60	2	30	<b>VP063</b>			2973
	<b>93.3</b>	62	3	30	<b>VP075</b>			3509
	<b>70</b>	73	0.8*	40	<b>VP050</b>			2503
	<b>70</b>	77	1.4	40	<b>VP063</b>			3272
	<b>70</b>	80	2.3	40	<b>VP075</b>			3862
	<b>70</b>	82	3.4	40	<b>VP090</b>			4273
	<b>56</b>	92	1.1	50	<b>VP063</b>			3524
	<b>56</b>	96	1.7	50	<b>VP075</b>			4160
	<b>56</b>	99	2.7	50	<b>VP090</b>			4603
	<b>46.7</b>	106*	0.9*	60	<b>VP063</b>			3745
	<b>46.7</b>	107	1.3	60	<b>VP075</b>			4421
	<b>46.7</b>	115	2.1	60	<b>VP090</b>			4891
	<b>35</b>	135	1	80	<b>VP075</b>			4865
	<b>35</b>	143	1.6	80	<b>VP090</b>			5383
	<b>35</b>	152	2.6	80	<b>VP110</b>			6803
	<b>28</b>	159*	0.8*	100	<b>VP075</b>			5241
	<b>28</b>	169	1.2	100	<b>VP090</b>			5799
	<b>28</b>	179	2.1	100	<b>VP110</b>			7328
<b>9.3</b>	424	2.8	300			<b>VC050/110</b>	10320	
<b>7</b>	553	2.1	400			<b>VC050/110</b>	10320	
<b>5.6</b>	640	1.6	500			<b>VC050/110</b>	10320	
M3 080 0.75 4P. ( $n_1 = 1400 \text{ min}^{-1}$ )	<b>280</b>	23	2.7	5	<b>VP050</b>			1577
	<b>186.7</b>	34	2.1	7.5	<b>VP050</b>			1805
	<b>140</b>	44	1.6	10	<b>VP050</b>			1987
	<b>140</b>	45	3	10	<b>VP063</b>			2567
	<b>93.3</b>	63	1.2	15	<b>VP050</b>			2274
	<b>93.3</b>	64	2.2	15	<b>VP063</b>			2973
	<b>93</b>	66	3.5	15	<b>VP075</b>			3509
	<b>70</b>	81*	0.9*	20	<b>VP050</b>			2503
	<b>70</b>	83	1.6	20	<b>VP063</b>			3272
	<b>70</b>	85	2.8	20	<b>VP075</b>			3862
	<b>56</b>	99*	0.7*	25	<b>VP050</b>			2696
	<b>56</b>	100	1.3	25	<b>VP063</b>			3524
	<b>56</b>	102	2	25	<b>VP075</b>			4160
	<b>46.7</b>	112*	0.8*	30	<b>VP050</b>			2865
	<b>46.7</b>	114	1.4	30	<b>VP063</b>			3745
	<b>46.7</b>	117	2	30	<b>VP075</b>			4421
	<b>35</b>	97	0.8*	40	<b>VP050</b>			2298
	<b>35</b>	143	1	40	<b>VP063</b>			4122
	<b>35</b>	147	1.5	40	<b>VP075</b>			4865
	<b>35.0</b>	156	3	40	<b>VP090</b>			5383
	<b>28</b>	171*	0.8*	50	<b>VP063</b>			4440
	<b>28</b>	177	1.2	50	<b>VP075</b>			5241
	<b>28</b>	184	1.8	50	<b>VP090</b>			5800
	<b>28</b>	194	3.4	50	<b>VP110</b>			7328
	<b>23.3</b>	200	1	60	<b>VP075</b>			5569
	<b>23.3</b>	212	1.5	60	<b>VP090</b>			6163
	<b>23.3</b>	227	2.7	60	<b>VP110</b>			7787
	<b>18.7</b>	280*	0.9*	75			<b>VR080/075</b>	6000
	<b>17.5</b>	258	1.1	80	<b>VP090</b>			6783
	<b>17.5</b>	274	1.9	80	<b>VP110</b>			8571
	<b>17.5</b>	250	80	80	<b>VP075</b>			6130
	<b>15.6</b>	313	1	90			<b>VR080/075</b>	6375

\* **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  $f_s$ :  $M_{m2} = M_2 \times f_s$



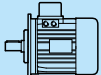
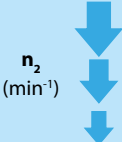
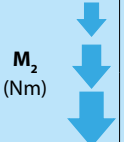
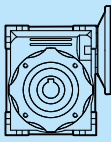
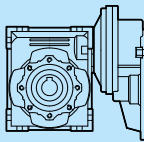
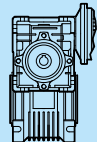
**Tabella dati tecnici motoriduttori / Table technical data gearmotors**

 $Pn_1$ (kW)	$n_2$ (min <sup>-1</sup> )	$M_2$ (Nm)	$fs$	$i$				$FR_2$ (N)
<b>1.10</b>								
M3 080 1.10 2P. ( $n_1 = 2800 \text{ min}^{-1}$ )	<b>373.3</b>	25	2.1	7.5	<b>VP050</b>			1433
	<b>280</b>	33	1.7	10	<b>VP050</b>			1577
	<b>280</b>	33	3	10	<b>VP063</b>			2061
	<b>186.7</b>	48	1.2	15	<b>VP050</b>			1805
	<b>186.7</b>	46	2.1	15	<b>VP063</b>			2359
	<b>186.7</b>	50	3.3	15	<b>VP075</b>			2785
	<b>140</b>	62*	0.9*	20	<b>VP050</b>			1987
	<b>140</b>	60	1.6	20	<b>VP063</b>			2597
	<b>140</b>	65	2.7	20	<b>VP075</b>			3065
	<b>112</b>	72	1.2	25	<b>VP063</b>			2797
	<b>112</b>	77	2	25	<b>VP075</b>			3302
	<b>112</b>	81	3.1	25	<b>VP090</b>			3653
	<b>93.3</b>	87*	0.7*	30	<b>VP050</b>			2274
	<b>93.3</b>	82	1.4	30	<b>VP063</b>			2973
	<b>93.3</b>	89	1.9	30	<b>VP075</b>			3509
	<b>93.3</b>	93	3.3	30	<b>VP090</b>			3882
	<b>70</b>	104	1	40	<b>VP063</b>			3272
	<b>70</b>	114	1.4	40	<b>VP075</b>			3862
	<b>70</b>	120	2.3	40	<b>VP090</b>			4273
	<b>56</b>	137	1.1	50	<b>VP075</b>			4160
	<b>56</b>	145	1.8	50	<b>VP090</b>			4603
	<b>56</b>	150	3.3	50	<b>VP110</b>			5816
	<b>46.7</b>	158*	0.9*	60	<b>VP075</b>			4421
	<b>46.7</b>	169	1.5	60	<b>VP090</b>			4891
	<b>46.7</b>	176	2.7	60	<b>VP110</b>			6181
	<b>35</b>	201*	0.7*	80	<b>VP075</b>			4865
	<b>35</b>	210	1.1	80	<b>VP090</b>			5383
	<b>35</b>	222	1.8	80	<b>VP110</b>			6803
<b>28</b>	248*	0.8*	100	<b>VP090</b>			5799	
<b>28</b>	263	1.4	100	<b>VP110</b>			7328	
M3 090 1.10 6P. ( $n_1 = 900 \text{ min}^{-1}$ )	<b>120</b>	76	2	7.5	<b>VP063</b>			2734
	<b>120</b>	77	2.8	7.5	<b>VP075</b>			3227
	<b>90</b>	99	1.5	10	<b>VP063</b>			3009
	<b>90</b>	100	2.3	10	<b>VP075</b>			3551
	<b>60</b>	142	1.1	15	<b>VP063</b>			3444
	<b>60</b>	144	1.6	15	<b>VP075</b>			4065
	<b>60</b>	149	3.1	15	<b>VP090</b>			4498
	<b>45</b>	180*	0.8*	20	<b>VP063</b>			3791
	<b>45</b>	184	1.3	20	<b>VP075</b>			4474
	<b>45</b>	195	2.2	20	<b>VP090</b>			4951
	<b>36</b>	225	1	25	<b>VP075</b>			4820
	<b>36</b>	231	1.6	25	<b>VP090</b>			5333
	<b>36</b>	239	3.2	25	<b>VP110</b>			6739
	<b>30</b>	256	1	30	<b>VP075</b>			5122
	<b>30</b>	263	1.8	30	<b>VP090</b>			5667
	<b>30</b>	270	3.1	30	<b>VP110</b>			7161
	<b>22.5</b>	322*	0.9*	40	<b>VP075</b>			5637
	<b>22.5</b>	331	1.2	40	<b>VP090</b>			6238
	<b>22.5</b>	345	2.3	40	<b>VP110</b>			7882
	<b>18</b>	397	1	50	<b>VP090</b>			6719
	<b>18</b>	414	1.8	50	<b>VP110</b>			8491
	<b>15</b>	448*	0.8*	60	<b>VP090</b>			7140
	<b>15</b>	476	1.4	60	<b>VP110</b>			9023
	<b>12.2</b>	576	2.2	73.5		<b>VR090/110</b>		9614
	<b>11.3</b>	588	1	80	<b>VP110</b>			9931
	<b>11.3</b>	598	1.4	80	<b>VP130</b>			12989
	<b>9.2</b>	746	1.6	98		<b>VR090/110</b>		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  $fs$ :  $M_{m2} = M_2 \times fs$

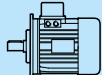
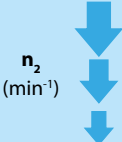
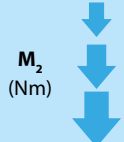
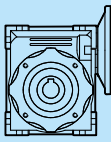
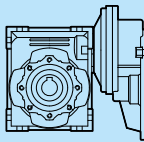
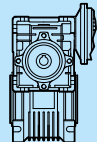
Tabella dati tecnici motoriduttori / Table technical data gearmotors

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

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

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

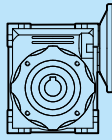
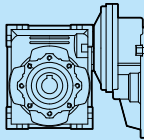
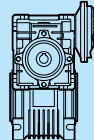
**Tabella dati tecnici motoriduttori / Table technical data gearmotors**

 $Pn_1$ (kW)	 $n_2$ (min <sup>-1</sup> )	 $M_2$ (Nm)	$fs$	$i$				$FR_2$ (N)
<b>1.50</b>								
M3 100 1.50 6P. ( $n_1 = 900 \text{ min}^{-1}$ )	<b>120</b>	105	2	7.5	<b>VP075</b>			3227
	<b>90</b>	137	1.7	10	<b>VP075</b>			3551
	<b>90</b>	138	2.7	10	<b>VP090</b>			3929
	<b>60</b>	196	1.2	15	<b>VP075</b>			4065
	<b>60</b>	201	2.1	15	<b>VP090</b>			4498
	<b>45</b>	255	1.1	20	<b>VP075</b>			4474
	<b>45</b>	258	1.5	20	<b>VP090</b>			4951
	<b>45</b>	264	2.7	20	<b>VP110</b>			6256
	<b>36</b>	311*	0.8*	25	<b>VP075</b>			4820
	<b>36</b>	314	1.2	25	<b>VP090</b>			5333
	<b>36</b>	322	2.4	25	<b>VP110</b>			6739
	<b>36</b>	330	3.2	25	<b>VP130</b>			8814
	<b>30</b>	354*	0.8*	30	<b>VP075</b>			5122
	<b>30</b>	358	1.3	30	<b>VP090</b>			5667
	<b>30</b>	363	2.3	30	<b>VP110</b>			7161
	<b>30</b>	377	3.1	30	<b>VP130</b>			9366
	<b>22.5</b>	459	1	40	<b>VP090</b>			6238
	<b>22.5</b>	471	1.7	40	<b>VP110</b>			7882
	<b>22.5</b>	478	2.3	40	<b>VP130</b>			10309
	<b>18</b>	565	1.3	50	<b>VP110</b>			8491
<b>18</b>	573	1.8	50	<b>VP130</b>			11105	
<b>18</b>	589	2.7	50	<b>VP150</b>			15182	
<b>15</b>	649	1.1	60	<b>VP110</b>			9023	
<b>15</b>	659	1.4	60	<b>VP130</b>			11801	
<b>15</b>	678	2.1	60	<b>VP150</b>			16133	
<b>11.3</b>	815	1.1	80	<b>VP130</b>			12989	
<b>11.3</b>	841	1.5	80	<b>VP150</b>			17757	
<b>9</b>	955*	0.8*	100	<b>VP130</b>			13500	
<b>9</b>	971	1.2	100	<b>VP150</b>			18000	
M3 090 1.50 4P. ( $n_1 = 1400 \text{ min}^{-1}$ )	<b>186.7</b>	68	1.9	7.5	<b>VP063</b>			2359
	<b>186.7</b>	68	2.7	7.5	<b>VP075</b>			2785
	<b>140</b>	89	1.5	10	<b>VP063</b>			2597
	<b>140</b>	90	2.2	10	<b>VP075</b>			3065
	<b>93.3</b>	127	1.1	15	<b>VP063</b>			2973
	<b>93.3</b>	130	1.5	15	<b>VP075</b>			3509
	<b>93.3</b>	134	3	15	<b>VP090</b>			3882
	<b>70</b>	166*	0.8*	20	<b>VP063</b>			3272
	<b>70</b>	168	1.3	20	<b>VP075</b>			3862
	<b>70</b>	172	2.1	20	<b>VP090</b>			4273
	<b>56</b>	205	1	25	<b>VP075</b>			4160
	<b>56</b>	210	1.6	25	<b>VP090</b>			4603
	<b>56</b>	218	3.1	25	<b>VP110</b>			5816
	<b>46.7</b>	233	1	30	<b>VP075</b>			4421
	<b>46.7</b>	239	1.7	30	<b>VP090</b>			4891
	<b>46.7</b>	246	3	30	<b>VP110</b>			6181
	<b>35</b>	299*	0.8*	40	<b>VP075</b>			4865
	<b>35</b>	307	1.2	40	<b>VP090</b>			5383
	<b>35</b>	319	2.2	40	<b>VP110</b>			6803
	<b>28</b>	368*	0.9*	50	<b>VP090</b>			5799
	<b>28</b>	384	1.7	50	<b>VP110</b>			7328
	<b>23.3</b>	424*	0.8*	60	<b>VP090</b>			6163
	<b>23.3</b>	442	1.4	60	<b>VP110</b>			7787
	<b>19</b>	535	1.9	73.5		<b>VR090/110</b>		8298
	<b>17.5</b>	548*	0.9*	80	<b>VP110</b>			8571
	<b>17.5</b>	557	1.5	80	<b>VP130</b>			11210
	<b>14.3</b>	693	1.3	98		<b>VR090/110</b>		9133
	<b>14</b>	655	1.1	100	<b>VP130</b>			12076
	<b>11.4</b>	817	1.1	122.5		<b>VR090/110</b>		9838
	<b>9.5</b>	936*	0.8*	147		<b>VR090/110</b>		10320
	<b>7.1</b>	1149*	0.8*	196		<b>VR090/130</b>		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

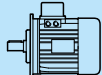
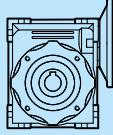
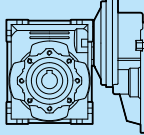
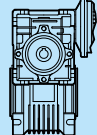
$Pn_1$ (kW)	$n_2$ (min <sup>-1</sup> )	$M_2$ (Nm)	$f_s$	$i$				$FR_2$ (N)
<b>1.50</b>								
M3 090 1.50 4P. ( $n_1 = 1400 \text{ min}^{-1}$ )	<b>5.7</b>	962*	0.9*	245		<b>VR090/130</b>		13500
	<b>5.6</b>	1669*	0.9*	250			<b>VC063/130</b>	13500
	<b>5.6</b>	1602	1.3	250			<b>VC063/150</b>	18000
	<b>4.7</b>	1789	1	300			<b>VC063/130</b>	13500
	<b>4.7</b>	1860	1.3	300			<b>VC063/150</b>	18000
	<b>3.5</b>	2279*	0.7*	400			<b>VC063/130</b>	13500
	<b>3.5</b>	2208	1.2	400			<b>VC063/150</b>	18000
	<b>2.8</b>	2582*	0.9*	500			<b>VC063/150</b>	18000
	<b>2.3</b>	3057*	0.9*	600			<b>VC063/150</b>	18000
	M3 090 1.50 2P. ( $n_1 = 2800 \text{ min}^{-1}$ )	<b>373</b>	35	2.7	7.5		<b>VP063</b>	
<b>280</b>		45	2.2	10	<b>VP063</b>			2061
<b>280</b>		45	3.2	10	<b>VP075</b>			2433
<b>186.7</b>		66	1.6	15	<b>VP063</b>			2359
<b>186.7</b>		66	2.3	15	<b>VP075</b>			2785
<b>140</b>		86	1.2	20	<b>VP063</b>			2597
<b>140</b>		86	1.9	20	<b>VP075</b>			3065
<b>140</b>		90	2.9	20	<b>VP090</b>			3391
<b>112</b>		105*	0.9*	25	<b>VP063</b>			2797
<b>112</b>		105	1.4	25	<b>VP075</b>			3302
<b>112</b>		110	2.3	25	<b>VP090</b>			3653
<b>93.3</b>		120	1	30	<b>VP063</b>			2973
<b>93.3</b>		121	1.4	30	<b>VP075</b>			3509
<b>93.3</b>		127	2.4	30	<b>VP090</b>			3882
<b>70</b>		156*	0.7*	40	<b>VP063</b>			3272
<b>70</b>		156	1.1	40	<b>VP075</b>			3862
<b>70</b>		164	1.7	40	<b>VP090</b>			4273
<b>70</b>		170	3.1	40	<b>VP110</b>			5399
<b>56</b>		187	1.3	50	<b>VP075</b>			4160
<b>56</b>		197	1.3	50	<b>VP090</b>			4603
<b>56</b>		205	2.4	50	<b>VP110</b>			5816
<b>46.7</b>		215	1.1	60	<b>VP075</b>			4421
<b>46.7</b>		227	1.1	60	<b>VP090</b>			4891
<b>46.7</b>		236	2	60	<b>VP110</b>			6181
<b>35</b>		287*	0.8*	80	<b>VP090</b>			5383
<b>35</b>		299	1.3	80	<b>VP110</b>			6803
<b>28</b>		358	1	100	<b>VP110</b>			7328
<b>9.3</b>		878	1.9	300			<b>VC063/130</b>	13500
<b>7</b>		1105	1.4	400			<b>VC063/130</b>	13500
<b>5.6</b>		1305	1.1	500			<b>VC063/130</b>	13500
<b>2.20</b>								
M3 100 2.20 4P. ( $n_1 = 1400 \text{ min}^{-1}$ )	<b>186.7</b>	100	1.8	7.5	<b>VP075</b>			2785
	<b>186.7</b>	101	2.9	7.5	<b>VP090</b>			3081
	<b>140</b>	132	1.5	10	<b>VP075</b>			3065
	<b>140</b>	134	2.3	10	<b>VP090</b>			3391
	<b>93.3</b>	191	1	15	<b>VP075</b>			3509
	<b>93.3</b>	194	1.9	15	<b>VP090</b>			3882
	<b>93.3</b>	196	3.3	15	<b>VP110</b>			4905
	<b>70</b>	249*	0.9*	20	<b>VP075</b>			3862
	<b>70.00</b>	252	1.4	20	<b>VP090</b>			4273
	<b>70</b>	255	2.5	20	<b>VP110</b>			5399
	<b>56</b>	304*	0.7*	25	<b>VP075</b>			4160
	<b>56.00</b>	308	1.1	25	<b>VP090</b>			4603
	<b>56</b>	315	2.2	25	<b>VP110</b>			5816
	<b>56</b>	319	2.9	25	<b>VP130</b>			7607
	<b>46.7</b>	347*	0.7*	30	<b>VP075</b>			4421
	<b>46.70</b>	351	1.2	30	<b>VP090</b>			4891
	<b>46.7</b>	356	2	30	<b>VP110</b>			6181

\* **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  $f_s$ :  $M_{m2} = M_2 \times f_s$




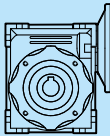
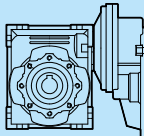
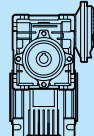
**Tabella dati tecnici motoriduttori / Table technical data gearmotors**

 $Pn_1$ (kW)	$n_2$ (min <sup>-1</sup> )	$M_2$ (Nm)	$fs$	$i$				$FR_2$ (N)
<b>2.20</b>								
M3 100 2.20 4P. ( $n_1 = 1400 \text{ min}^{-1}$ )	<b>46.7</b>	365	2.9	30	<b>VP130</b>			8084
	<b>35</b>	468	1.5	40	<b>VP110</b>			6803
	<b>35</b>	468	2.2	40	<b>VP130</b>			8897
	<b>30.00</b>	456*	0.9*	40	<b>VP090</b>			5383
	<b>28</b>	563	1.2	50	<b>VP110</b>			7328
	<b>28</b>	563	1.7	50	<b>VP130</b>			9584
	<b>28</b>	570	2.5	50	<b>VP150</b>			13103
	<b>23.3</b>	648	1.0	60	<b>VP110</b>			7787
	<b>23.3</b>	648	1.4	60	<b>VP130</b>			10185
	<b>23.3</b>	657	1.9	60	<b>VP150</b>			13924
	<b>17.5</b>	816	1	80	<b>VP130</b>			11210
	<b>17.5</b>	816	1.4	80	<b>VP150</b>			15325
	<b>14.0</b>	976	1	100	<b>VP130</b>			12076
	<b>14</b>	960	1	100	<b>VP150</b>			16508
M3 112 2.20 6P. ( $n_1 = 900 \text{ min}^{-1}$ )	<b>120</b>	154	1.4	7.5	<b>VP075</b>			3227
	<b>120</b>	156	2.2	7.5	<b>VP090</b>			3570
	<b>90</b>	201	1.1	10	<b>VP075</b>			3551
	<b>90</b>	203	1.8	10	<b>VP090</b>			3929
	<b>90</b>	205	3.5	10	<b>VP110</b>			4965
	<b>60</b>	291*	0.9*	15	<b>VP075</b>			4065
	<b>60</b>	294	1.4	15	<b>VP090</b>			4498
	<b>60</b>	298	2.6	15	<b>VP110</b>			5684
	<b>45</b>	374*	0.7*	20	<b>VP075</b>			4474
	<b>45</b>	532*	0.9*	30	<b>VP090</b>			5667
	<b>45</b>	378	1	20	<b>VP090</b>			4951
	<b>45</b>	388	1.9	20	<b>VP110</b>			6256
	<b>36</b>	467*	0.9*	25	<b>VP090</b>			5333
	<b>36</b>	473	1.6	25	<b>VP110</b>			6739
	<b>36</b>	479	2.2	25	<b>VP130</b>			8814
	<b>30</b>	532	1.6	30	<b>VP110</b>			7161
	<b>30</b>	546	2.1	30	<b>VP130</b>			9366
	<b>22.5</b>	701	1.1	40	<b>VP110</b>			7882
	<b>22.5</b>	700	1.6	40	<b>VP130</b>			10309
	<b>18</b>	841*	0.9*	50	<b>VP110</b>			8491
	<b>18</b>	840	1.2	50	<b>VP130</b>			11105
	<b>18</b>	864	1.9	50	<b>VP150</b>			15182
	<b>15</b>	967*	0.7*	60	<b>VP110</b>			9023
	<b>15</b>	966	1	60	<b>VP130</b>			11801
	<b>15</b>	995	1.4	60	<b>VP150</b>			16133
	<b>11.3</b>	1214*	0.7*	80	<b>VP130</b>			12898
	<b>11.3</b>	1233	1.1	80	<b>VP150</b>			17757
<b>9</b>	1425*	0.8*	100	<b>VP150</b>			18000	
M3 090 2.20 2P. ( $n_1 = 2800 \text{ min}^{-1}$ )	<b>373.3</b>	51	1.8	7.5	<b>VP063</b>			1873
	<b>373.3</b>	50	2.6	7.5	<b>VP075</b>			2210
	<b>280</b>	66	1.5	10	<b>VP063</b>			2061
	<b>280</b>	66	2.2	10	<b>VP075</b>			2433
	<b>280</b>	68	3.5	10	<b>VP090</b>			2692
	<b>186.7</b>	97	1.1	15	<b>VP063</b>			2359
	<b>186.7</b>	97	1.5	15	<b>VP075</b>			2785
	<b>186.7</b>	100	2.7	15	<b>VP090</b>			3081
	<b>140</b>	128*	0.8*	20	<b>VP063</b>			2597
	<b>140</b>	126	1.3	20	<b>VP075</b>			3065
	<b>140</b>	129	2	20	<b>VP090</b>			3391
	<b>112</b>	154	1	25	<b>VP075</b>			3302
	<b>112</b>	159	1.6	25	<b>VP090</b>			3653
	<b>112</b>	161	3.1	25	<b>VP110</b>			4616
	<b>93.3</b>	178	1	30	<b>VP075</b>			3509
	<b>93.3</b>	185	1.7	30	<b>VP090</b>			3882
	<b>93.3</b>	187	3	30	<b>VP110</b>			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  $fs$ :  $M_{m2} = M_2 \times fs$

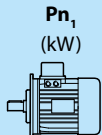
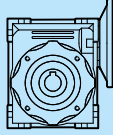
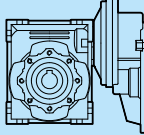
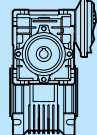
Tabella dati tecnici motoriduttori / Table technical data gearmotors

 $Pn_1$ (kW)	$n_2$ ( $min^{-1}$ )	$M_2$ (Nm)	$fs$	$i$				$FR_2$ (N)
<b>2.20</b>								
M3 090 2.20 2P. ( $n_1 = 2800 min^{-1}$ )	<b>70</b>	234*	0.8*	40	<b>VP075</b>			3862
	<b>70</b>	237	1.2	40	<b>VP090</b>			4273
	<b>70</b>	243	2.2	40	<b>VP110</b>			5399
	<b>56</b>	289*	0.9*	50	<b>VP090</b>			4603
	<b>56</b>	296	1.7	50	<b>VP110</b>			5816
	<b>46.7</b>	347	1.4	60	<b>VP110</b>			6181
	<b>38.6</b>	398	2.1	73.5		<b>VR090/110</b>		6586
	<b>35</b>	444*	0.9*	80	<b>VP110</b>			6803
	<b>35</b>	444	1.3	80	<b>VP130</b>			8897
	<b>28.9</b>	516	1.5	98		<b>VR090/110</b>		7249
	<b>28</b>	525*	0.7*	100	<b>VP110</b>			7328
	<b>28</b>	525	1	100	<b>VP130</b>			9584
	<b>23.1</b>	617	1.2	122.5		<b>VR090/110</b>		7809
	<b>3.00</b>							
M3 100 3.00 2P. ( $n_1 = 2800 min^{-1}$ )	<b>373.3</b>	68	1.9	7.5	<b>VP075</b>			2210
	<b>373.3</b>	70	3	7.5	<b>VP090</b>			2446
	<b>280</b>	90	1.6	10	<b>VP075</b>			2433
	<b>280</b>	92	2.6	10	<b>VP090</b>			2692
	<b>186.7</b>	135	1.2	15	<b>VP075</b>			2785
	<b>186.7</b>	137	2	15	<b>VP090</b>			3081
	<b>140</b>	176	1	20	<b>VP075</b>			3065
	<b>140</b>	180	1.4	20	<b>VP090</b>			3391
	<b>140</b>	182	2.7	20	<b>VP110</b>			4285
	<b>112</b>	215*	0.7*	25	<b>VP075</b>			3302
	<b>112</b>	220	1.1	25	<b>VP090</b>			3653
	<b>112</b>	225	2.2	25	<b>VP110</b>			4616
	<b>93.3</b>	249*	0.7*	30	<b>VP075</b>			3509
	<b>93.3</b>	255	1.2	30	<b>VP090</b>			3882
	<b>93.3</b>	258	2.1	30	<b>VP110</b>			4905
	<b>70</b>	328*	0.8*	40	<b>VP090</b>			4273
	<b>70</b>	340	1.6	40	<b>VP110</b>			5399
	<b>56</b>	409	1.2	50	<b>VP110</b>			5816
	<b>46.7</b>	479	1	60	<b>VP110</b>			6181
	M3 100 3.00 4P. ( $n_1 = 1400 min^{-1}$ )	<b>186.7</b>	137	1.4	7.5	<b>VP075</b>		
<b>186.7</b>		138	2.1	7.5	<b>VP090</b>			3081
<b>140</b>		180	1.1	10	<b>VP075</b>			3065
<b>140</b>		182	1.7	10	<b>VP090</b>			3391
<b>140</b>		182	3.3	10	<b>VP110</b>			4285
<b>93.3</b>		261*	0.8*	15	<b>VP075</b>			3509
<b>93.3</b>		264	1.4	15	<b>VP090</b>			3882
<b>93.3</b>		264	2.5	15	<b>VP110</b>			4905
<b>70</b>		344	1	20	<b>VP090</b>			4273
<b>70</b>		348	1.9	20	<b>VP110</b>			5399
<b>56</b>		420*	0.8*	25	<b>VP090</b>			4603
<b>56</b>		430	1.6	25	<b>VP110</b>			5816
<b>56</b>		430	2.2	25	<b>VP130</b>			7607
<b>46.7</b>		479*	0.9*	30	<b>VP090</b>			4891
<b>46.7</b>		485	1.5	30	<b>VP110</b>			6181
<b>46.7</b>		491	2.1	30	<b>VP130</b>			8084
<b>35</b>		638	1.1	40	<b>VP110</b>			6803
<b>35</b>		638	1.6	40	<b>VP130</b>			8897
<b>28</b>		767*	0.9*	50	<b>VP110</b>			7328
<b>28</b>		767	1.3	50	<b>VP130</b>			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  $fs$ :  $M_{m2} = M_2 \times fs$

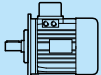
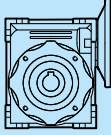
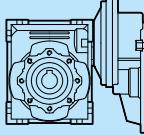
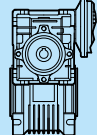
**Tabella dati tecnici motoriduttori / Table technical data gearmotors**

 $Pn_1$ (kW)	$n_2$ ( $min^{-1}$ )	$M_2$ (Nm)	$fs$	$i$				$FR_2$ (N)
<b>3.00</b>								
M3 100 3.00 4P. ( $n_1 = 1400 min^{-1}$ )	<b>28</b>	778	1.8	50	<b>VP150</b>			13103
	<b>23.3</b>	884	1	60	<b>VP130</b>			10185
	<b>23.3</b>	896	1.4	60	<b>VP150</b>			13924
	<b>17.5</b>	1113*	0.8*	80	<b>VP130</b>			11210
	<b>17.5</b>	1113	1	80	<b>VP150</b>			15325
	<b>14.00</b>	1310*	0.8*	100	<b>VP150</b>			16508
M3 132 3.00 6P. ( $n_1 = 900 min^{-1}$ )	<b>120</b>	212	3.1	7.5	<b>VP110</b>			4511
	<b>90</b>	280	2.5	10	<b>VP110</b>			4965
	<b>90</b>	280	3.4	10	<b>VP130</b>			6494
	<b>60</b>	406	1.9	15	<b>VP110</b>			5684
	<b>60</b>	406	2.6	15	<b>VP130</b>			7434
	<b>45</b>	528	1.4	20	<b>VP110</b>			6256
	<b>45</b>	535	1.9	20	<b>VP130</b>			8182
	<b>45</b>	541	2.8	20	<b>VP150</b>			11186
	<b>36</b>	653	1.2	25	<b>VP110</b>			6739
	<b>36</b>	653	1.6	25	<b>VP130</b>			8814
	<b>36</b>	669	2.1	25	<b>VP150</b>			12050
	<b>30</b>	736	1.1	30	<b>VP110</b>			7161
	<b>30</b>	745	1.6	30	<b>VP130</b>			9366
	<b>30</b>	783	1.8	30	<b>VP150</b>			12805
	<b>22.5</b>	955*	0.8*	40	<b>VP110</b>			7882
	<b>22.5</b>	955	1.2	40	<b>VP130</b>			10309
	<b>22.5</b>	968	1.9	40	<b>VP150</b>			14094
	<b>18</b>	1178	1.4	50	<b>VP150</b>			15182
	<b>15</b>	1357	1.1	60	<b>VP150</b>			16133
	<b>4.00</b>							
M3 112 4.00 2P. ( $n_1 = 2800 min^{-1}$ )	<b>373.3</b>	91	1.4	7.5	<b>VP075</b>			2210
	<b>373.3</b>	93	2.3	7.5	<b>VP090</b>			2446
	<b>280</b>	120	1.2	10	<b>VP075</b>			2433
	<b>280</b>	123	1.9	10	<b>VP090</b>			2692
	<b>186.7</b>	180*	0.9*	15	<b>VP075</b>			2785
	<b>186.7</b>	182	1.5	15	<b>VP090</b>			3081
	<b>140</b>	235	0.7	20	<b>VP075</b>			3065
	<b>140</b>	240	1.1	20	<b>VP090</b>			3391
	<b>112</b>	293*	0.9*	25	<b>VP090</b>			3653
	<b>93.3</b>	340*	0.9*	30	<b>VP090</b>			3882
	M3 112 4.00 4P. ( $n_1 = 1400 min^{-1}$ )	<b>186.7</b>	180	1	7.5	<b>VP075</b>		
<b>186.7</b>		184	1.6	7.5	<b>VP090</b>			3081
<b>187</b>		184	3.0	7.5	<b>VP110</b>			3893
<b>140</b>		237*	0.8*	10	<b>VP075</b>			3065
<b>140</b>		243	1.3	10	<b>VP090</b>			3391
<b>140</b>		243	2.5	10	<b>VP110</b>			4285
<b>93.3</b>		352	1	15	<b>VP090</b>			3882
<b>93.3</b>		352	1.9	15	<b>VP110</b>			4905
<b>70</b>		458*	0.8*	20	<b>VP090</b>			4273
<b>70</b>		464	1.4	20	<b>VP110</b>			5399
<b>56</b>		573	1.2	25	<b>VP110</b>			5816
<b>56</b>		573	1.6	25	<b>VP130</b>			7607
<b>46.7</b>		647	1.1	30	<b>VP110</b>			6181
<b>46.7</b>		655	1.6	30	<b>VP130</b>			8084
<b>35</b>		863*	0.8*	40	<b>VP110</b>			6803
<b>35</b>		851	1.2	40	<b>VP130</b>			8897
<b>28</b>		1023	1	50	<b>VP130</b>			9584
<b>28</b>		1037	1.4	50	<b>VP150</b>			13103
<b>23.3</b>		1179*	0.8*	60	<b>VP130</b>			10185
<b>23.3</b>		1195	1.1	60	<b>VP150</b>			13924
<b>17.5</b>	1484*	0.8*	80	<b>VP150</b>			15325	
M3 132 4.00 6P. ( $n_1 = 900 min^{-1}$ )	<b>120</b>	283	2.3	7.5	<b>VP110</b>			4511
	<b>120</b>	287	3.1	7.5	<b>VP130</b>			5901
	<b>90</b>	374	1.9	10	<b>VP110</b>			4965
	<b>90</b>	374	2.6	10	<b>VP130</b>			6494
	<b>60</b>	541	1.4	15	<b>VP110</b>			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)	
<b>4.00</b>									
M3 132 4.00 6P. ( $n_1 = 900 min^{-1}$ )	<b>60</b>	541	2	15	<b>VP130</b>			7434	
	<b>56</b>	580	1.2	25	<b>VP110</b>			5816	
	<b>46.7</b>	655	1.1	30	<b>VP110</b>			6181	
	<b>45</b>	713	1.5	20	<b>VP130</b>			8182	
	<b>45</b>	722	2.1	20	<b>VP150</b>			11186	
	<b>36</b>	870	1.2	25	<b>VP130</b>			8814	
	<b>36</b>	892	1.5	25	<b>VP150</b>			12050	
	<b>35</b>	863*	0.8*	40	<b>VP110</b>			6803	
	<b>30</b>	1006	1.2	30	<b>VP130</b>			9366	
	<b>30</b>	1045	1.3	30	<b>VP150</b>			12805	
	<b>22.5</b>	1291*	0.9*	40	<b>VP130</b>			10309	
	<b>22.5</b>	1291	1.4	40	<b>VP150</b>			14094	
	<b>18</b>	1571	1	50	<b>VP150</b>			15182	
	<b>15</b>	1809*	0.8*	60	<b>VP150</b>			16133	
<b>5.50</b>									
M3 132 5.50 4P. ( $n_1 = 1400 min^{-1}$ )	<b>186.7</b>	253	2.2	7.5	<b>VP110</b>			3893	
	<b>140</b>	334	1.8	10	<b>VP110</b>			4285	
	<b>140</b>	334	2.5	10	<b>VP130</b>			5605	
	<b>93.3</b>	484	1.4	15	<b>VP110</b>			4905	
	<b>93.3</b>	490	1.9	15	<b>VP130</b>			6416	
	<b>70</b>	638	1	20	<b>VP110</b>			5399	
	<b>70</b>	645	1.4	20	<b>VP130</b>			7062	
	<b>70</b>	645	2	20	<b>VP150</b>			9654	
	<b>56</b>	798*	0.9*	25	<b>VP110</b>			5816	
	<b>56</b>	788	1.2	25	<b>VP130</b>			7607	
	<b>56</b>	788	1.5	25	<b>VP150</b>			10400	
	<b>46.7</b>	901*	0.8*	30	<b>VP110</b>			6181	
	<b>46.7</b>	900	1.2	30	<b>VP130</b>			8084	
	<b>46.7</b>	934	1.3	30	<b>VP150</b>			11051	
	<b>35</b>	1171*	0.9*	40	<b>VP130</b>			8897	
	<b>35</b>	1171	1.3	40	<b>VP150</b>			12163	
	<b>28</b>	1426	1	50	<b>VP150</b>			13103	
	<b>23.3</b>	1643*	0.8*	60	<b>VP150</b>			13924	
	<b>7.50</b>								
	M3 132 7.50 4P. ( $n_1 = 1400 min^{-1}$ )	<b>186.7</b>	345	1.6	7.5	<b>VP110</b>			3893
<b>186.7</b>		349	2.1	7.5	<b>VP130</b>			5092	
<b>140</b>		455	1.3	10	<b>VP110</b>			4285	
<b>140</b>		455	1.8	10	<b>VP130</b>			5605	
<b>93.3</b>		660	1	15	<b>VP110</b>			4905	
<b>93.3</b>		668	1.4	15	<b>VP130</b>			6416	
<b>70</b>		880*	0.7*	20	<b>VP110</b>			5399	
<b>70</b>		880	1.0	20	<b>VP130</b>			7062	
<b>70</b>		880	1.5	20	<b>VP150</b>			9654	
<b>56</b>		1074*	0.9*	25	<b>VP130</b>			7607	
<b>56</b>		1074	1.1	25	<b>VP150</b>			10400	
<b>46.7</b>		1228*	0.8*	30	<b>VP130</b>			8084	
<b>46.7</b>		1274*	0.9*	30	<b>VP150</b>			11051	
<b>35</b>		1596*	0.7*	40	<b>VP130</b>			8897	
<b>35</b>		1596	1	40	<b>VP150</b>			12163	
<b>28</b>		1971*	0.7*	50	<b>VP150</b>			13103	
<b>11.0</b>									
M3 160 11.0 4P. ( $n_1 = 1400 min^{-1}$ )		<b>187</b>	512	2.3	7.5	<b>VP150</b>			6962
	<b>140</b>	675	1.8	10	<b>VP150</b>			7663	
	<b>93.3</b>	990	1.3	15	<b>VP150</b>			8771	
	<b>70</b>	1291	1.0	20	<b>VP150</b>			9654	
	<b>56</b>	1576*	0.8*	25	<b>VP150</b>			10400	
<b>15.0</b>									
M3 160 15.0 4P. ( $n_1 = 1400 min^{-1}$ )	<b>187</b>	698	1.7	7.5	<b>VP150</b>			6962	
	<b>140</b>	921	1.3	10	<b>VP150</b>			7663	
	<b>93.3</b>	1351*	0.9*	15	<b>VP150</b>			8771	
	<b>70</b>	1760*	0.7*	20	<b>VP150</b>			9654	

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

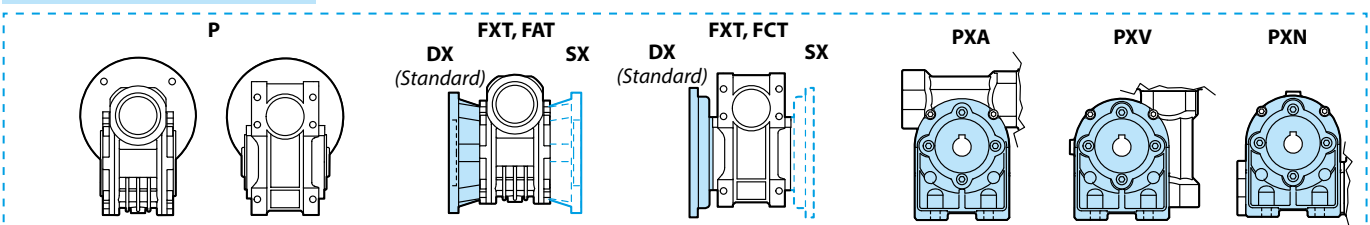
\* **NOTE:** Maximun allowable torque  $M_{m2}$  must be calculated using service factor  $fs$ :  $M_{m2} = M_2 \times fs$

## Designazione / Designation

RIDUTTORE A VITE SENZA FINE COMBINATO / 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
<b>VKS</b>	<b>030/044</b>	<b>P</b>	<b>-</b>	<b>R1500</b>	<b>63</b>	<b>B5</b>	<b>ADO</b>	<b>U</b>	<b>ADT</b>	<b>BRT</b>	
	<b>030/044</b> <b>030/049</b>	<b>P</b> <b>FXT</b> <b>FAT</b> <b>PX</b>	<b>-</b> <b>DX</b> <b>SX</b> <b>A</b> <b>N</b> <b>V</b>	Contattare ufficio tecnico SATI Contact SATI technical Office	<b>56</b> <b>63</b> <b>71</b>	<b>B5</b> <b>B14</b>	<b>ADO</b> <b>BDO</b> <b>ADV</b> <b>BDV</b> <b>ASO</b> <b>BSO</b> <b>ASV</b> <b>BSV</b>	<b>U*</b> <b>B3</b> <b>B6</b> <b>B7</b> <b>B8</b> <b>V5</b> <b>V6</b>	<b>AST</b>	<b>BRT</b>	
	<b>030/063</b> <b>044/075</b> <b>044/086</b>	<b>P</b> <b>FXT</b> <b>FCT</b>	<b>-</b> <b>DX</b> <b>SX</b>								

RIDUTTORE A VITE SENZA FINE COMBINATO / 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	
<b>VKE</b>	<b>030/044</b>	<b>P</b>	<b>-</b>	<b>R1500</b>	<b>ADO</b>	<b>U</b>	<b>ADT</b>	<b>BRT</b>		
	<b>030/044</b> <b>030/049</b>	<b>P</b> <b>FXT</b> <b>FAT</b> <b>PX</b>	<b>-</b> <b>DX</b> <b>SX</b> <b>A</b> <b>N</b> <b>V</b>	Contattare ufficio tecnico SATI Contact SATI technical Office	<b>ADO</b> <b>BDO</b> <b>ADV</b> <b>BDV</b> <b>ASO</b> <b>BSO</b> <b>ASV</b> <b>BSV</b>	<b>U*</b> <b>B3</b> <b>B6</b> <b>B7</b> <b>B8</b> <b>V5</b> <b>V6</b>	<b>AST</b>	<b>BRT</b>		
	<b>030/063</b> <b>044/075</b> <b>044/086</b>	<b>P</b> <b>FXT</b> <b>FCT</b>	<b>-</b> <b>DX</b> <b>SX</b>							

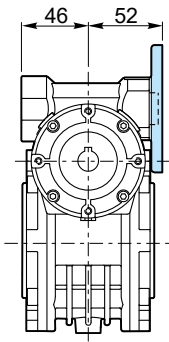
Versione riduttore / Gearbox version



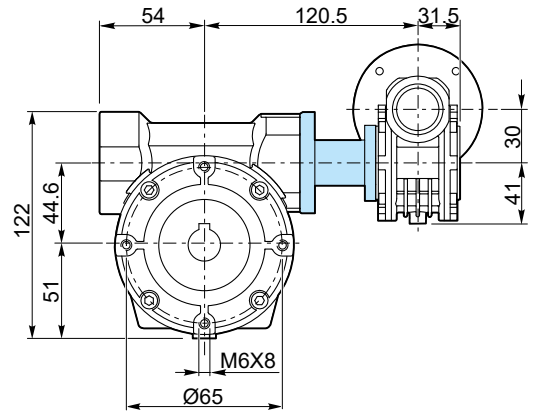
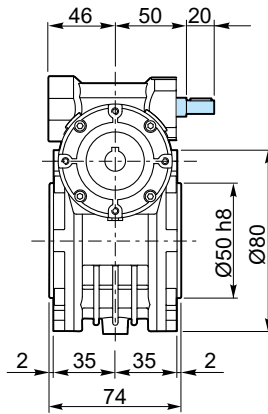
\* Tutta la gamma viene fornita in posizione Universale / All the gearboxes are supplied suitable for universal mounting.

**Dimensioni riduttori a vite senza fine combinati / Dimensions combination worm gearboxes**

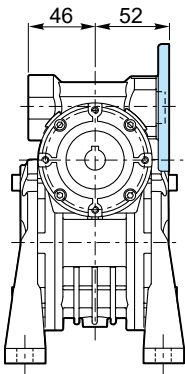
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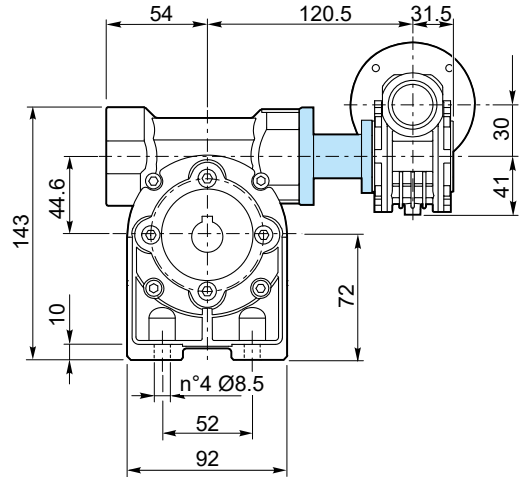
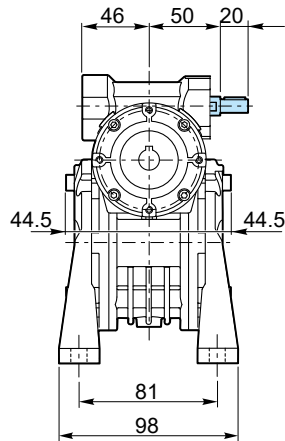
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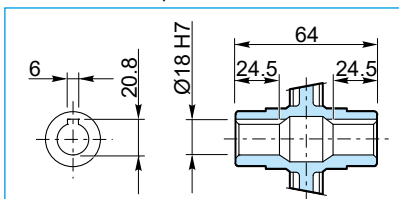
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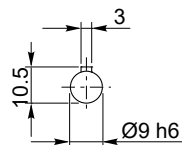
**VKE 030/044 PXA ...**



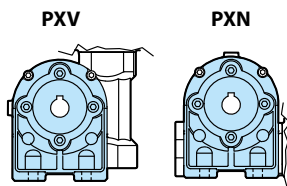
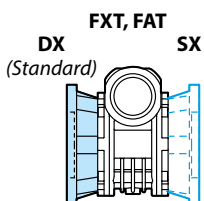
Albero uscita / Output shaft



Albero entrata / Input shaft



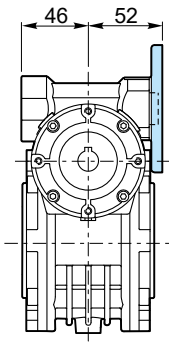
**VKS 030/044 ...  
VKE 030/044 ...**



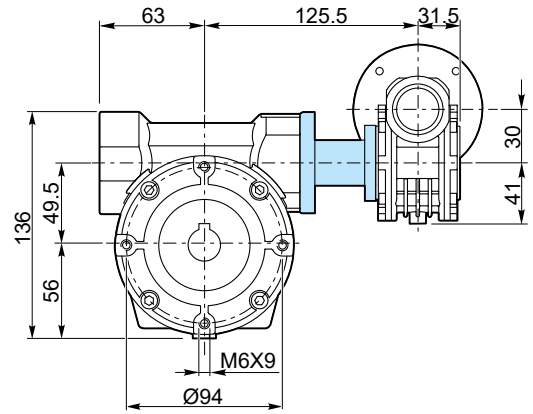
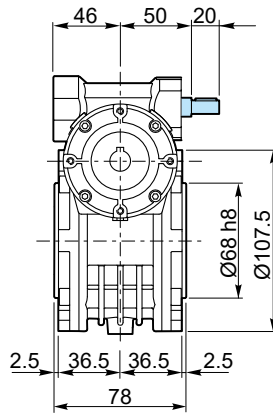
VTS  
26

## Dimensioni riduttori a vite senza fine combinati / Dimensions combination worm gearboxes

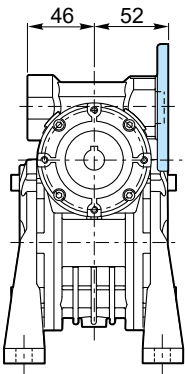
VKS 030/049 P ...



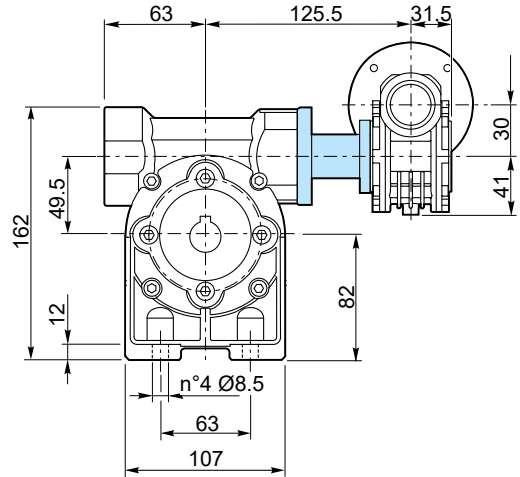
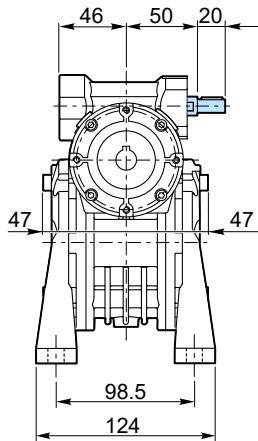
VKE 030/049 P ...



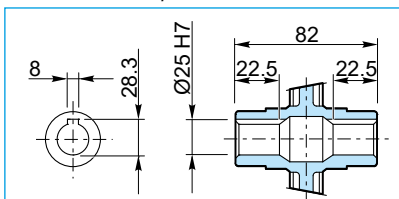
VKS 030/049 PXA ...



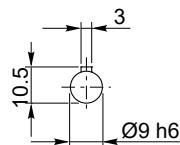
VKE 030/049 PXA ...



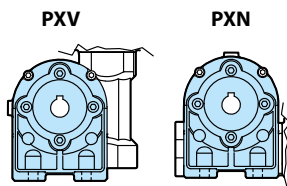
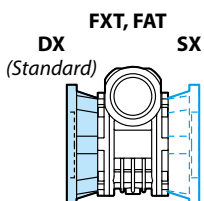
Albero uscita / Output shaft



Albero entrata / Input shaft



VKS 030/049 ...  
VKE 030/049 ...



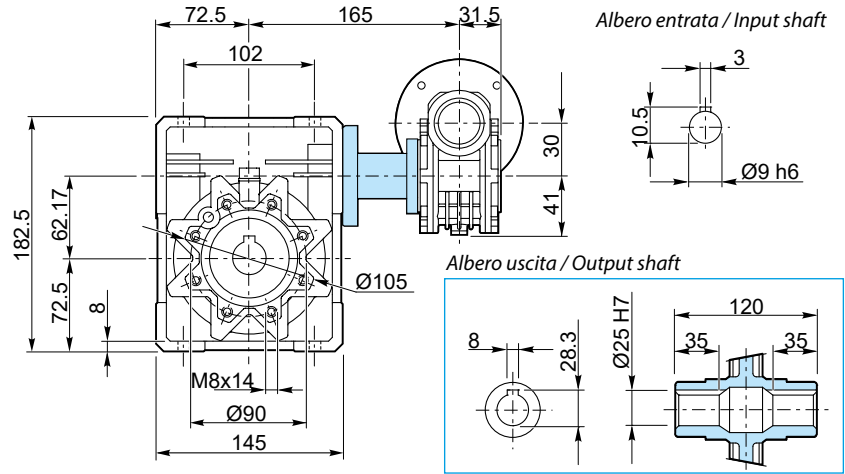
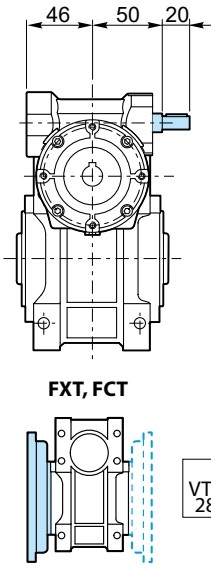
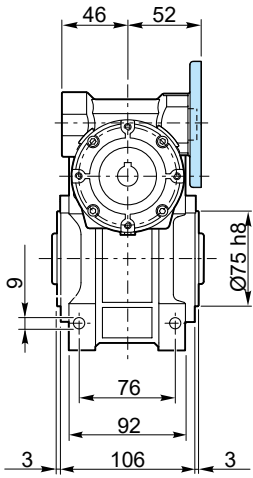
VTS  
27



## Dimensioni riduttori a vite senza fine combinati / Dimensions combination worm gearboxes

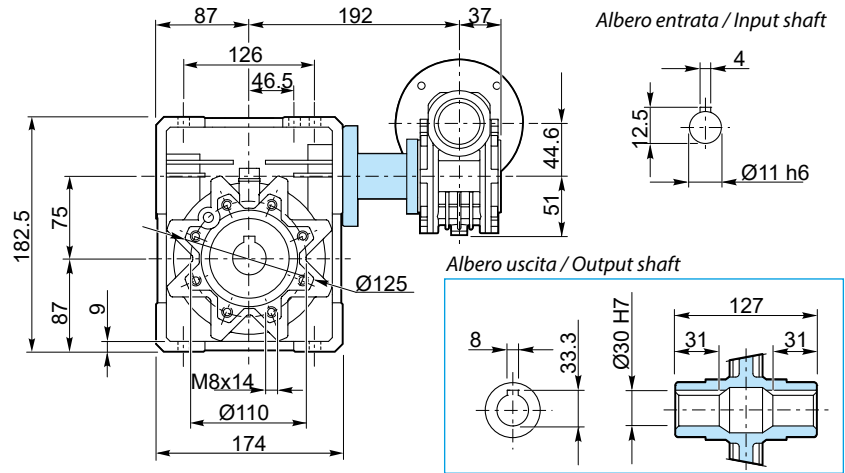
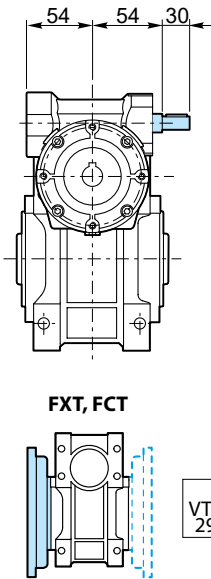
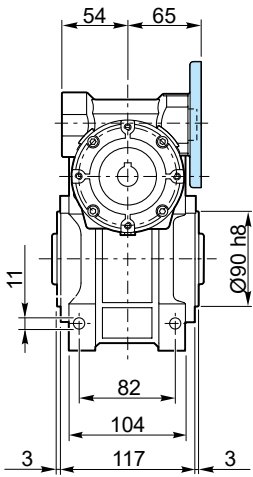
**VKS 030/063 P ...**

**VKE 030/063 P ...**



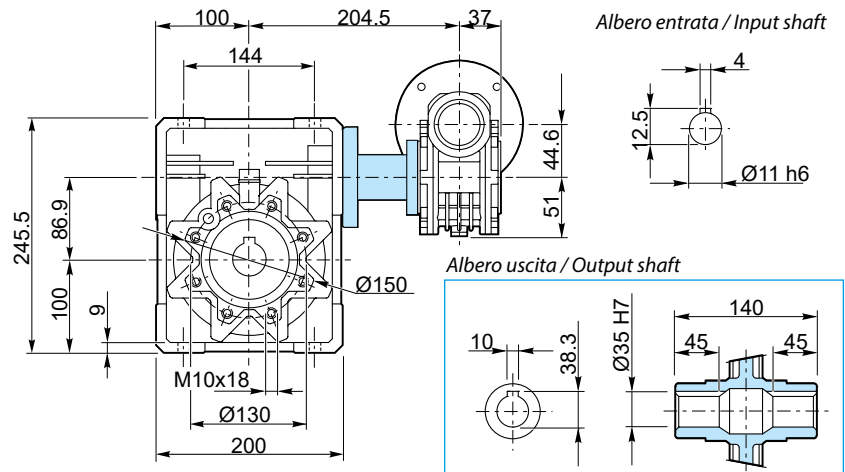
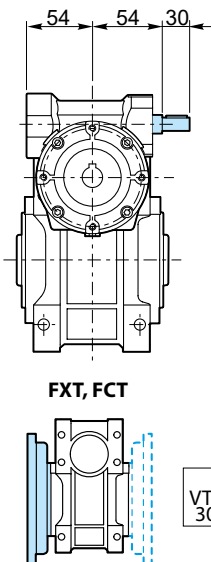
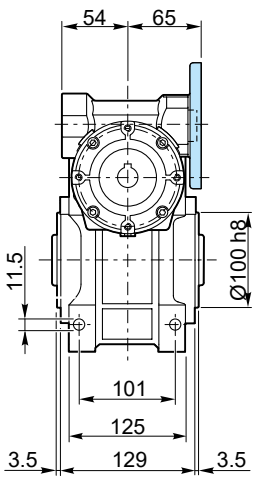
**VKS 044/075 P ...**

**VKE 044/075 P ...**



**VKS 044/086 P ...**

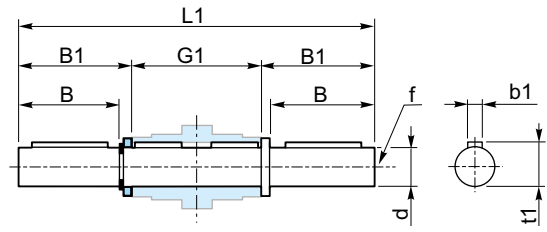
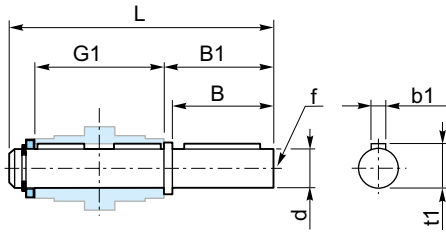
**VKE 044/086 P ...**



## Kit assemblaggio - Accessori / Assembly Kit - Accessories

### AST Albero lento semplice / Single output shaft

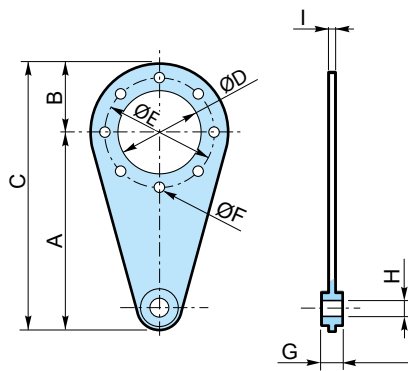
### ADT Albero lento doppio / Double output shaft



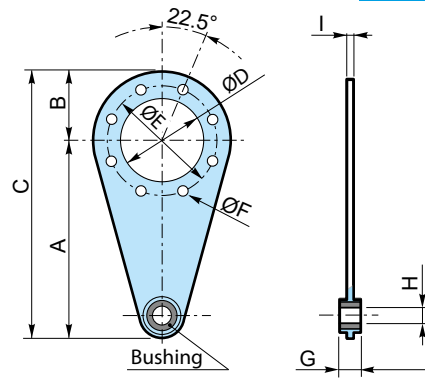
VTS / VES	Grandezza - Size					
	030	044	049	063	075	086
d	14 h6	18 h6	25 h6	25 h6	30 h6	35 h6
B	30	40	60	60	60	60
B1	35	45	65	65	65	65
G1	61	70	89	127	134	149
G2	55	64	82	120	127	140
L	96	115	154	192	199	214
L1	120	149.4	208.4	246.4	255	268
f	M5	M6	M8	M8	M10	M10
b1	5	6	8	8	8	10
t1	16	20.5	28	28	33	38
CODICE / CODE AST	AST030	AST044	AST049	AST063	AST075	AST086
CODICE / CODE ADT	ADT030	ADT044	ADT049	ADT063	ADT075	ADT086

### BRT Braccio di reazione / Torque arm

030 - 044 - 049



063 - 075 - 086



	Grandezza - Size					
	030	044	049	063	075	086
A	100	100	100	150	200	200
B	40	40	55	52.5	62.5	75
C	157.5	157.5	172.5	232.5	300	312.5
D	50	50	68	75	90	110
E	65	65	94	90	110	130
F	7	7	7	9	9	11
G	14	14	14	20	25	25
H	8	8	8	10	20	20
I	4	4	4	6	6	6
CODICE / CODE	BRT030	BRT044	BRT049	BRT063	BRT075	BRT086