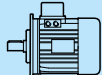
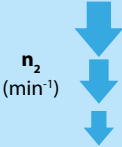
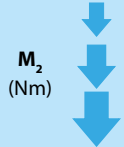
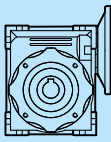
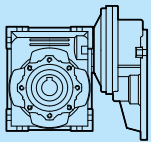
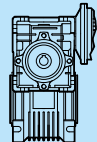


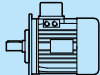
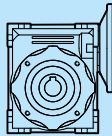
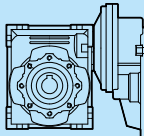
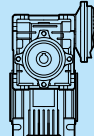
**Tabella dati tecnici motoriduttori / Table technical data gearmotors**

 $Pn_1$ (kW)	 $n_2$ (min <sup>-1</sup> )	 $M_2$ (Nm)	$fs$	$i$				$FR_2$ (N)
<b>0.06</b>								
M1 056 0.06 4P... (n1 = 1400 min <sup>-1</sup> )	280	2	6.2	5	<b>VP025</b>			439
	280	2	10.1	5	<b>VP030</b>			597
	186.7	3	4.2	7.5	<b>VP025</b>			503
	186.7	3	6.9	7.5	<b>VP030</b>			683
	140	3	3.5	10	<b>VP025</b>			553
	140	3	5.4	10	<b>VP030</b>			752
	93.3	5	2.5	15	<b>VP025</b>			633
	93.3	5	3.8	15	<b>VP030</b>			861
	70	6	2	20	<b>VP025</b>			697
	70	6	3	20	<b>VP030</b>			948
	56	7	3	25	<b>VP030</b>			1021
	46.7	8	1.6	30	<b>VP025</b>			798
	46.7	8	2.5	30	<b>VP030</b>			1085
	35	10	1.3	40	<b>VP025</b>			878
	35	10	1.9	40	<b>VP030</b>			1194
	28	12*	0.9*	50	<b>VP025</b>			946
	28	11	1.5	50	<b>VP030</b>			1286
	28	13	3.3	50	<b>VP040</b>			2475
	23.3	14*	0.7*	60	<b>VP025</b>			1006
	23.3	13	1.3	60	<b>VP030</b>			1367
	23.3	14	2.6	60	<b>VP040</b>			2630
	17.5	14*	0.9*	80	<b>VP030</b>			1504
	17.5	17	1.9	80	<b>VP040</b>			2895
	14	25	1.3	100			<b>VC025/030</b>	1620
	14	20	1.5	100	<b>VP040</b>			3118
	14	26	2.7	100			<b>VC030/040</b>	2769
	9.3	32*	0.9*	150			<b>VC025/030</b>	1830
	9.3	37	1.9	150			<b>VC030/040</b>	3169
	7	41*	0.7*	200			<b>VC025/030</b>	1830
	7	47	1.4	200			<b>VC030/040</b>	3488
	7	47	2.6	200			<b>VC030/050</b>	4788
	5.6	44*	0.8*	250			<b>VC025/030</b>	1830
	5.6	55	1.1	250			<b>VC030/040</b>	3490
	5.6	55	2	250			<b>VC030/050</b>	4840
	4.7	59	1.2	300			<b>VC025/040</b>	3490
	4.7	57	1.3	300			<b>VC030/040</b>	3490
	4.7	61	2.4	300			<b>VC030/050</b>	4840
	3.5	71*	0.9*	400			<b>VC025/040</b>	3490
	3.5	70*	0.9*	400			<b>VC030/040</b>	3490
	3.5	73	1.7	400			<b>VC030/050</b>	4840
	3.5	76	3.4	400			<b>VC030/063</b>	6270
	2.8	96*	0.6*	500			<b>VC030/040</b>	3490
	2.8	82*	0.7*	500			<b>VC025/040</b>	3490
	2.8	85	1.4	500			<b>VC030/050</b>	4840
	2.8	88	2.7	500			<b>VC030/063</b>	6270
	2.3	101*	0.6*	600			<b>VC025/040</b>	3490
	2.3	104*	0.7*	600			<b>VC030/040</b>	3490
	2.3	109	1.3	600			<b>VC030/050</b>	4840
	2.3	111	2.4	600			<b>VC030/063</b>	6270
	1.9	116*	0.5*	750			<b>VC025/040</b>	3490
	1.9	121*	0.6*	750			<b>VC030/040</b>	3490
	1.9	127	1.1	750			<b>VC030/050</b>	4840
	1.9	129	2.1	750			<b>VC030/063</b>	6270
	1.6	143*	0.5*	900			<b>VC025/040</b>	3490
	1.6	139*	0.5*	900			<b>VC030/040</b>	3490
	1.6	141	1	900			<b>VC030/050</b>	4840
	1.6	148	1.8	900			<b>VC030/063</b>	6270
	1.2	171*	0.4*	1200			<b>VC025/040</b>	3490
	1.2	166*	0.4*	1200			<b>VC030/040</b>	3490
	1.2	169*	0.7*	1200			<b>VC030/050</b>	4840
	1.2	180	1.5	1200			<b>VC030/063</b>	6270
	0.93	199*	0.7*	1500			<b>VC030/050</b>	4840
	0.9	197*	0.3*	1500			<b>VC025/040</b>	3490
	0.9	196*	0.4*	1500			<b>VC030/040</b>	3490
	0.9	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  $fs$ :  $M_{m2} = M_2 \times fs$


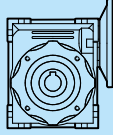
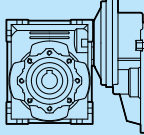
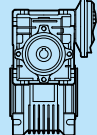
Tabella dati tecnici motoriduttori / Table technical data gearmotors

 $P_{n1}$ (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  $f_s$ :  $M_{m2} = M_2 \times f_s$

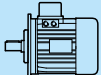
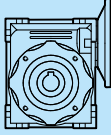
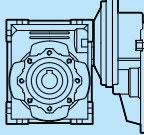
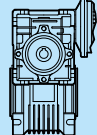
**Tabella dati tecnici motoriduttori / Table technical data gearmotors**

 $P_{n1}$ (kW)	$n_2$ (min <sup>-1</sup> )	$M_2$ (Nm)	$f_s$	$i$				$FR_2$ (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  $f_s$ :  $M_{m2} = M_2 \times f_s$

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

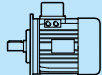
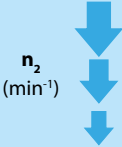
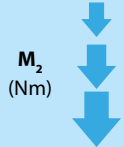
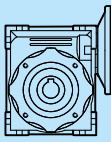
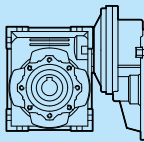
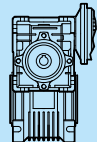
Tabella dati tecnici motoriduttori / Table technical data gearmotors

 $Pn_1$ (kW)	$n_2$ ( $min^{-1}$ )	$M_2$ (Nm)	$fs$	$i$				$FR_2$ (N)
<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  $fs$ :  $M_{m2} = M_2 \times fs$

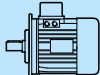
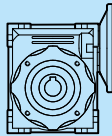
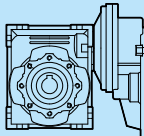
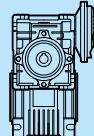
**Tabella dati tecnici motoriduttori / Table technical data gearmotors**

 $Pn_1$ (kW)	 $n_2$ (min <sup>-1</sup> )	 $M_2$ (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  $fs$ :  $M_{m2} = M_2 \times fs$

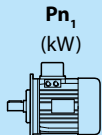
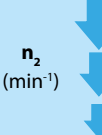
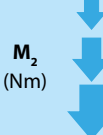
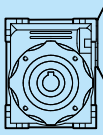
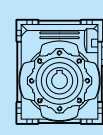
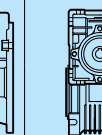
Tabella dati tecnici motoriduttori / Table technical data gearmotors

 $P_{n1}$ (kW)	$n_2$ ( $\text{min}^{-1}$ )	$M_2$ (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  $f_s$ :  $M_{m2} = M_2 \times f_s$

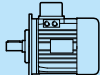
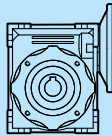
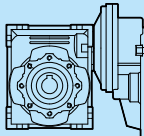
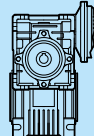
**Tabella dati tecnici motoriduttori / Table technical data gearmotors**

 $P_{n1}$ (kW)	 $n_2$ (min <sup>-1</sup> )	 $M_2$ (Nm)	$f_s$	$i$				$FR_2$ (N)
<b>0.18</b>								
M1 063 0.18 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>		6270
	<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  $f_s$ :  $M_{m2} = M_2 \times f_s$

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

Tabella dati tecnici motoriduttori / Table technical data gearmotors

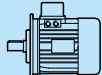
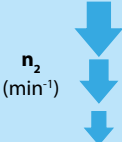
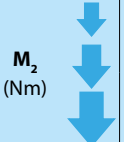
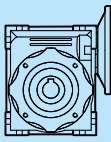
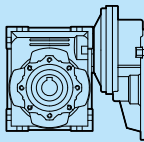
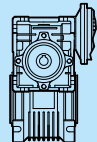
 $Pn_1$ (kW)	$n_2$ ( $min^{-1}$ )	$M_2$ (Nm)	$fs$	$i$				$FR_2$ (N)
<b>0.25</b>								
M1 063 0.25 2P. ( $n_1 = 2800 min^{-1}$ )	<b>373.3</b>	5.6	2.3	7.5	<b>VP030</b>			542
	<b>280</b>	7.2	1.8	10	<b>VP030</b>			597
	<b>186.7</b>	10	1.3	15	<b>VP030</b>			683
	<b>186.7</b>	11	2.9	15	<b>VP040</b>			1315
	<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. ( $n_1 = 1400 min^{-1}$ )	<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  $fs$ :  $M_{m2} = M_2 \times fs$



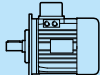
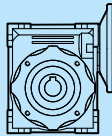
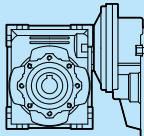
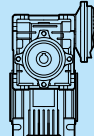
**Tabella dati tecnici motoriduttori / Table technical data gearmotors**

 $P_{n1}$ (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


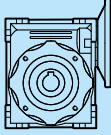
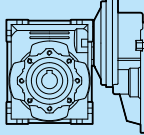
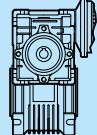
 $P_{n1}$ (kW)	$n_2$ ( $\text{min}^{-1}$ )	$M_2$ (Nm)	$f_s$	$i$				$FR_2$ (N)
<b>0.25</b>								
M1 071 0.25 6P.. ( $n_1 = 900 \text{ min}^{-1}$ )	<b>15</b>	99	2.5	60	<b>VP075</b>			6453
	<b>11.3</b>	110	1.2	80	<b>VP063</b>			6018
	<b>11.3</b>	117	1.7	80	<b>VP075</b>			7103
	<b>9</b>	125	1	100	<b>VP063</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  $f_s$ :  $M_{m2} = M_2 \times f_s$



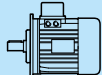
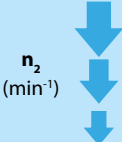
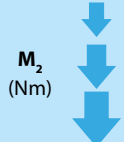
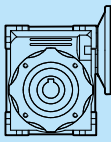
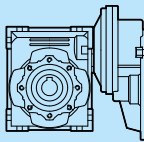
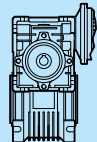
Tabella dati tecnici motoriduttori / Table technical data gearmotors

 $Pn_1$ (kW)	$n_2$ (min <sup>-1</sup> )	$M_2$ (Nm)	$fs$	$i$				$FR_2$ (N)
<b>0.37</b>								
M1 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  $fs$ :  $M_{m2} = M_2 \times fs$

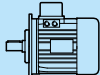
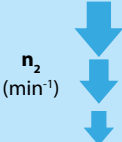
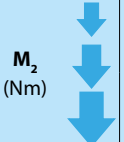
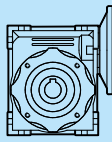
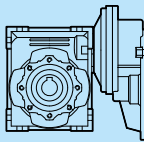
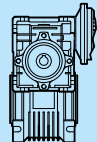
**Tabella dati tecnici motoriduttori / Table technical data gearmotors**

 $Pn_1$ (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>			1577
	<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  $fs$ :  $M_{m2} = M_2 \times fs$

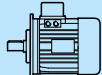
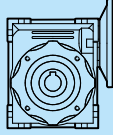
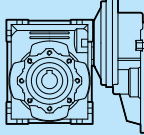
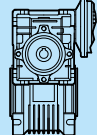
Tabella dati tecnici motoriduttori / Table technical data gearmotors

 $P_{n1}$ (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	

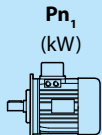
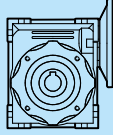
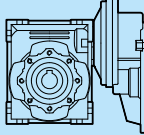
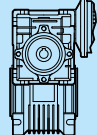
\* **NOTA:** la coppia massima utilizzabile  $M_{m2}$  deve essere determinata utilizzando il fattore di servizio  $f_s$ :  $M_{m2} = M_2 \times f_s$

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





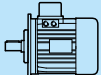
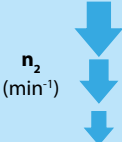
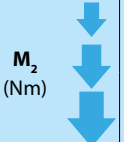
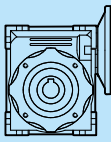
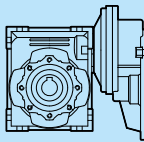
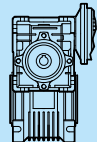
**Tabella dati tecnici motoriduttori / Table technical data gearmotors**

 $Pn_1$ (kW)	$n_2$ ( $\text{min}^{-1}$ )	$M_2$ (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  $fs$ :  $M_{m2} = M_2 \times fs$

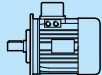
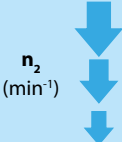
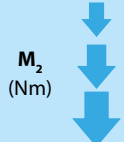
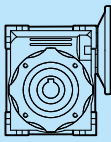
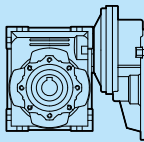
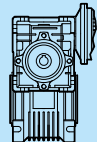
Tabella dati tecnici motoriduttori / Table technical data gearmotors

 $Pn_1$ (kW)	 $n_2$ ( $min^{-1}$ )	 $M_2$ (Nm)	$fs$	$i$				$FR_2$ (N)
<b>1.10</b>								
M3 090 1.10 4P. ( $n_1 = 1400 min^{-1}$ )	9	686	1.1	100	VP130			13500
	7.3	890	1.2	122.5		VR090/110		10320
	6.1	1000	1	147		VR090/110		10320
	186.7	50	2.6	7.5	VP063			2359
	140	65	2	10	VP063			2597
	140	66	3	10	VP075			3065
	93.3	93	1.5	15	VP063			2973
	93.3	96	2.1	15	VP075			3509
	70	122	1.1	20	VP063			3272
	70	123	1.7	20	VP075			3862
	70	128	3.1	20	VP090			4273
	56	146*	0.9*	25	VP063			3524
	56	150	1.3	25	VP075			4160
	56	156	2.4	25	VP090			4603
	46.7	167	1	30	VP063			3745
	46.7	171	1.3	30	VP075			4421
	46.7	178	2.4	30	VP090			4891
	35	216	1	40	VP075			4865
	35	225	1.6	40	VP090			5383
	35	237	3	40	VP110			6803
	28	263*	0.9*	50	VP075			5241
	28	270	1.3	50	VP090			5799
	28	281	2.3	50	VP110			7328
	23.3	297*	0.7*	60	VP075			5569
	23.3	311	1	60	VP090			6163
	23.3	324	1.9	60	VP110			7787
	19	392	2.5	73.5		VR090/110		8298
	17.5	384	1	80	VP090			6783
	17.5	402	1.3	80	VP110			8571
	17.5	408	2.1	80	VP130			11210
	14.3	508	1.8	98		VR090/110		9133
	14	473	1	100	VP110			9232
	14	480	1.5	100	VP130			12076
	11.4	599	1.5	122.5		VR090/110		9838
	9.5	686	1.1	147		VR090/110		10320
	7.1	828*	0.8*	196		VR090/110		10320
	5.7	962*	0.9*	245		VR090/130		13500
	5.6	1224	1.2	250			VC063/130	13500
	5.6	1175	1.7	250			VC063/150	18000
	4.7	1312	1.3	300			VC063/130	13500
4.7	1364	1.7	300			VC063/150	18000	
3.5	1671	1	400			VC063/130	13500	
3.5	1619	1.6	400			VC063/150	18000	
2.8	1991*	0.8*	500			VC063/130	13500	
2.8	1893	1.2	500			VC063/150	18000	
2.3	2510*	0.7*	600			VC063/130	13500	
2.3	2242	1.2	600			VC063/150	18000	
1.9	2616*	0.9*	750			VC063/150	18000	

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

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

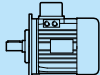
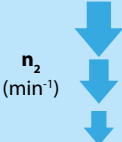
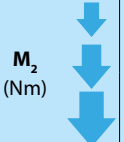
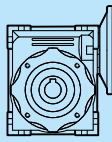
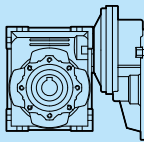
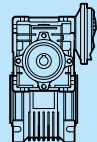
**Tabella dati tecnici motoriduttori / Table technical data gearmotors**

 $Pn_1$ (kW)	 $n_2$ (min <sup>-1</sup> )	 $M_2$ (Nm)	$fs$	$i$				$FR_2$ (N)
<b>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  $fs$ :  $M_{m2} = M_2 \times fs$

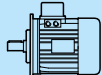
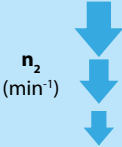
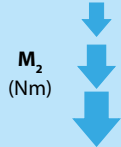
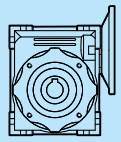
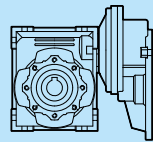
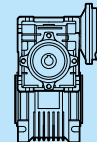
Tabella dati tecnici motoriduttori / Table technical data gearmotors

 $Pn_1$ (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  $f_s$ :  $M_{m2} = M_2 \times f_s$


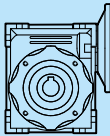
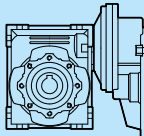
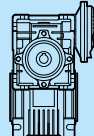
**Tabella dati tecnici motoriduttori / Table technical data gearmotors**

 $Pn_1$ (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  $fs$ :  $M_{m2} = M_2 \times fs$

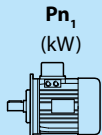
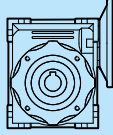
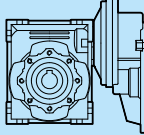
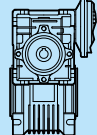
Tabella dati tecnici motoriduttori / Table technical data gearmotors

 $Pn_1$ (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  $fs$ :  $M_{m2} = M_2 \times fs$

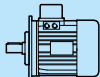
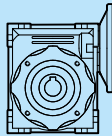
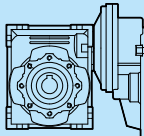
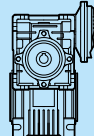
**Tabella dati tecnici motoriduttori / Table technical data gearmotors**

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

\* **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)	$n_2$ ( $\text{min}^{-1}$ )	$M_2$ (Nm)	$f_s$	$i$				$FR_2$ (N)	
<b>4.00</b>									
M3 132 4.00 6P. ( $n_1 = 900 \text{ min}^{-1}$ )	<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. ( $n_1 = 1400 \text{ min}^{-1}$ )	<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. ( $n_1 = 1400 \text{ min}^{-1}$ )	<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. ( $n_1 = 1400 \text{ min}^{-1}$ )		<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. ( $n_1 = 1400 \text{ min}^{-1}$ )	<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  $f_s$ :  $M_{m2} = M_2 \times f_s$

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