

SERIES M620 – 5,1 KW / 6,94 HP



PERFORMANCES AND DIMENSIONS																		
	7 bar			6 bar			5 bar			4 bar			3 bar			2 bar		
	Min. starting torque Nm	Max. starting torque Nm	Torque Nm	Min. starting torque Nm	Max. starting torque Nm	Torque Nm	Min. starting torque Nm	Max. starting torque Nm	Torque Nm	Min. starting torque Nm	Max. starting torque Nm	Torque Nm	Min. starting torque Nm	Max. starting torque Nm	Torque Nm	Min. starting torque Nm	Max. starting torque Nm	Torque Nm
	16,56	30,10	21,93	14,14	25,67	19,01	11,71	21,24	16,10	9,29	16,80	13,18	6,86	12,37	10,27	4,43	7,94	7,35
Speed-RPM	Power HP	Torque at max Power Nm	Consum I/sec	Power HP	Torque at max Power Nm	Consum I/sec	Power HP	Torque at max Power Nm	Consum I/sec	Power HP	Torque at max Power Nm	Consum I/sec	Power HP	Torque at max Power Nm	Consum I/sec	Power HP	Torque at max Power Nm	Consum I/sec
3000	6,94	16,23	116,1	5,86	13,72	101,9	4,79	11,21	87,6	3,72	8,69	73,4	2,64	6,18	59,1	1,57	3,68	44,9
2800	6,63	16,61	110,3	5,61	14,07	96,8	4,60	11,53	83,3	3,59	9,00	69,7	2,58	6,46	56,2	1,56	3,92	42,7
2600	6,29	16,99	104,6	5,34	14,43	91,7	4,39	11,86	78,9	3,44	9,29	66,1	2,49	6,73	53,3	1,54	4,17	40,4
2400	5,94	17,37	98,8	5,05	14,78	86,7	4,17	12,18	74,6	3,28	9,59	62,4	2,39	7,00	50,3	1,51	4,41	38,2
2200	5,56	17,75	93,0	4,74	15,13	81,6	3,92	12,51	70,2	3,10	9,89	58,8	2,28	7,27	47,4	1,46	4,66	36,0
2000	5,17	18,13	87,3	4,41	15,48	76,6	3,66	12,84	65,9	2,90	10,19	55,1	2,15	7,55	44,4	1,40	4,90	33,7
1800	4,75	18,51	81,5	4,06	15,84	71,5	3,38	13,16	61,5	2,69	10,49	51,5	2,00	7,82	41,5	1,32	5,15	31,5
1600	4,31	18,88	75,8	3,69	16,19	66,5	3,08	13,49	57,2	2,46	10,79	47,9	1,84	8,09	38,6	1,23	5,39	29,3
1400	3,84	19,27	70,0	3,30	16,54	61,4	2,76	13,82	52,8	2,21	11,08	44,2	1,67	8,36	35,6	1,12	5,64	27,0
1200	3,36	19,65	64,2	2,89	16,90	56,3	2,42	14,14	48,5	1,95	11,39	40,6	1,48	8,63	32,7	1,01	5,88	24,8
1000	2,85	20,03	58,5	2,46	17,25	51,3	2,06	14,46	44,1	1,66	11,68	36,9	1,27	8,91	29,7	0,87	6,13	22,5
800	2,33	20,40	52,7	2,01	17,60	46,2	1,69	14,80	39,8	1,37	11,99	33,3	1,05	9,18	26,8	0,73	6,37	20,3
600	1,78	20,79	46,9	1,53	17,95	41,2	1,29	15,12	35,4	1,05	12,28	29,6	0,81	9,45	23,8	0,57	6,62	18,1
400	1,21	21,17	41,2	1,04	18,31	36,1	0,88	15,44	31,0	0,72	12,58	26,0	0,55	9,72	20,9	0,39	6,86	15,8

AVAILABLE VERSIONS

M620F as shown in the drawing without a foot
M620P as per drawing with foot
M620C flange NEMA 145TC \varnothing 6.1 / 2" - shaft \varnothing 7/8"
M620B5D90BN engine with pneumatic brake BN90
M620B5D100BN engine with pneumatic brake BN100
M620B14D90 flange B14 \varnothing 140mm - shaft \varnothing 24mm
M620B14D100 flange B14 \varnothing 160mm - shaft \varnothing 28mm
M620B5D90 flange B5 \varnothing 200mm - shaft \varnothing 24mm
M620B5D100 flange B5 \varnothing 250mm - shaft \varnothing 28mm

Lubrication 6-7 gocce/1' in continuous service
 12-15 gocce/1'in intermittent service
Filtration: Use 64 micron Filtration or better
Radial load: 550 N max
Axial load: Not admitted
Operative temperature: da -20°C a +80°C
Noise: 84dB

Note: Sound pressure values are measured at maximum speed and power, with an operating pressure of 5.5 bar. TSA recommends to connect the exhaust pipes to a suitable oil separator filter with incorporated silencer, in order to allow for sufficient lubrication without the room becoming saturated with polluted air.



