

SERIES M1400 - 1.4 KW / 19.1 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
	72	103	87,6	62	90	76	52	75	63,6	42	60	50,3	32	45	38,9	20	30	26,2
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
1800	19	76	313	16	63,2	250	13	52,4	223	9,8	39	190	6,4	28	159	3,8	17,2	127,5
1500	16	76,8	264	13	64,1	235	11	54,2	202	8,4	42,4	176	6	30,7	145	3,7	19,9	123,5
1200	13	77,7	229	11	66,4	204	9	55,1	176	7	44,2	152	5,2	33,4	128	3,2	22,6	95,5
900	10	80,4	192	8,4	70,2	173	7	57,8	149	5,6	46	128	4	35,2	110	2,2	23,5	82
600	7	84	151	4,8	73,1	134	4,4	60,5	120	3,8	47,8	94	2,4	37	79	1,8	25,3	66,5
400	4	87,5	124	3,8	75,9	104	3	63,2	88	2	51,5	76	1,5	38,8	68	1	27,1	52,5

AVAILABLE VERSIONS

M1400F as shown in the drawing

M1400C NEMA flange

M1400B5D160BN engine with pneumatic brake BN160

Lubrication 12-14 gocce/1' in continuous service
18-20 gocce/1'in intermittent service

Filtration: Use 64 micron filtration or better

Radial load: 1750 N max

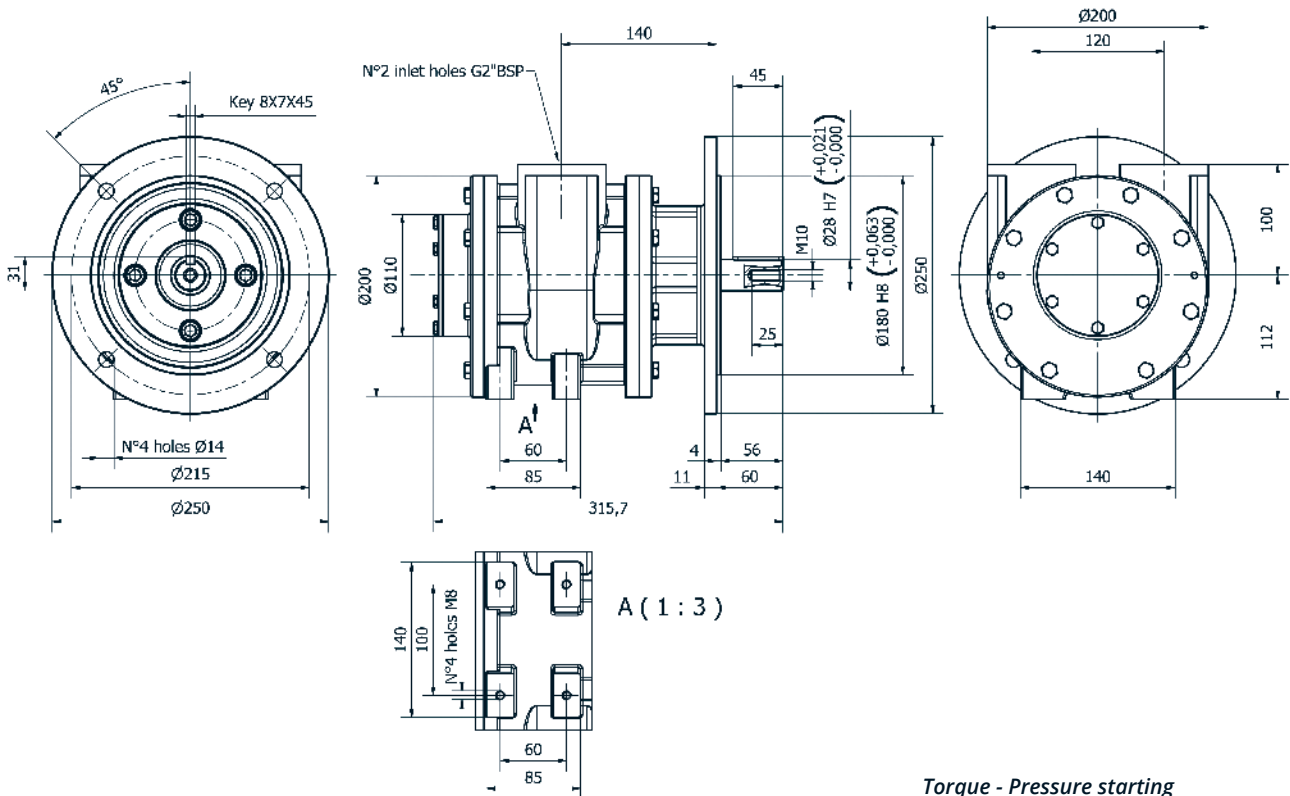
Axial load: Not admitted

Operative temperature: da -20°C a +80°C

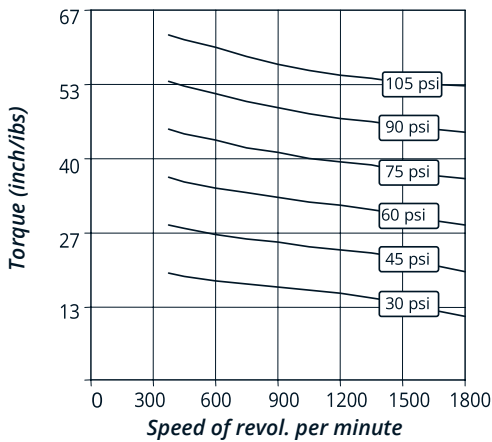
Noise: 86dB

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.

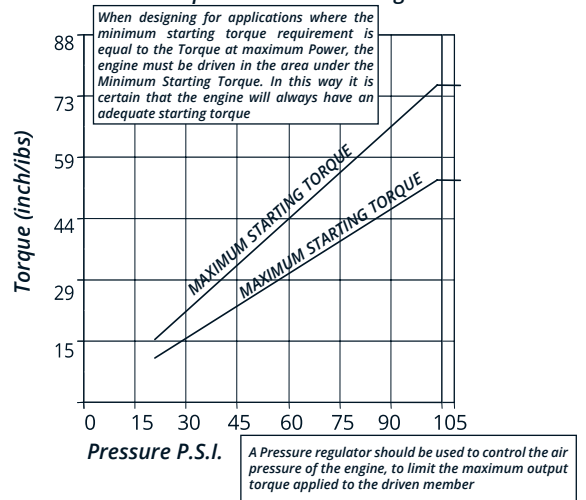




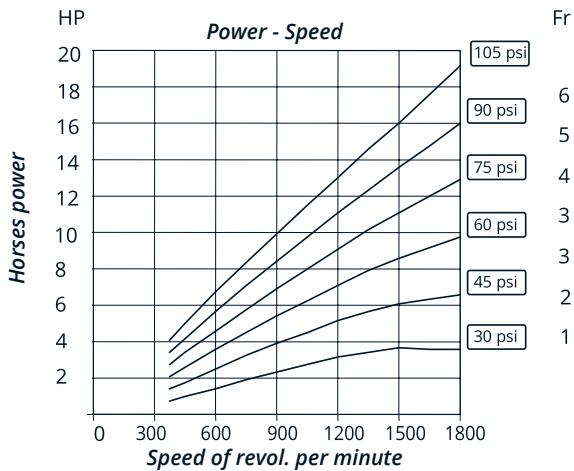
Torque - Speed



Torque - Pressure starting



Power - Speed



Consumption - Speed

