

Air Motors – Technical Data

Performance at 6 bar, (85 psi) inlet

Model	Description	Rated No-load Speed rpm	Weight		Noise Level dB(A)	Air Consumption @ no load speed		Horse Power HP	Speed at rated HP rpm	Torque at rated HP	
			kg	(lb)		l/s	(scfm)			Nm	lb'ft
MD2R06RB		600	0.77	(1.7)				0.2	300	4.74	3.5
MD2R09RB	2 Series	900	0.77	(1.7)				0.2	500	2.84	2.1
MD2R27RB	Reversible	2700	0.57	(1.25)	96.0 (81.0*)	8.5	(18.0)	0.2	1450	0.97	0.72
MD2R45RB		4500	0.57	(1.25)				0.2	2600	0.54	0.4
MD5R04A		400	1.20	(2.64)				0.39	200	13.80	10.20
MD5R07A	5 Series	700	1.20	(2.64)				0.39	350	7.85	5.80
MD5R12A	Forward Rotation	1200	1.20	(2.64)	76	10.8	(23.0)	0.39	600	4.60	3.40
MD5R22A		2200	0.76	(1.67)				0.39	1100	2.50	1.85
MD5R29A		2900	0.76	(1.67)				0.39	1450	1.90	1.41
MD5R45A		4500	0.76	(1.67)				0.39	2200	1.26	0.93
MD5R05R		500	1.04	(2.3)				0.37	250	10.56	7.8
MD5R08R	5 Series	800	1.04	(2.3)				0.37	450	5.82	4.3
MD5R12R	Reversible	1200	1.04	(2.3)	94.0 (79.0*)	11.7	(25.0)	0.37	750	3.52	2.6
MD5R18R		1800	0.81	(1.8)				0.37	1200	2.19	1.62
MD5R28R		2800	0.81	(1.8)				0.37	1450	1.51	1.12
MD5R45R		4500	0.81	(1.8)				0.37	2200	1.13	0.84
MD7R05		500	2.49	(5.5)				0.7	250	19.46	14.5
MD7R08		800	2.49	(5.5)				0.7	400	12.46	9.2
MD7R13	7 Series	1300	2.49	(5.5)				0.7	650	7.58	5.6
MD7R27	Forward Rotation	2700	1.98	(4.37)	86.0 (79.0*)	16.5	(35.0)	0.7	1250	3.92	2.9
MD7R42	Keyed Shaft	4200	1.98	(4.37)				0.7	2200	2.30	1.7
MD7R150		15000	1.98	(4.37)				0.7	7500	0.67	0.5
MSD7R05**		500	2.49	(5.5)				0.7	250	19.46	14.5
MSD7R08**		800	2.49	(5.5)				0.7	400	12.46	9.2
MSD7R13**	7 Series	1300	2.49	(5.5)				0.7	650	7.58	5.6
MSD7R27**	Forward Rotation	2700	1.98	(4.37)	86.0 (79.0*)	16.5	(35.0)	0.7	1250	3.92	2.9
MSD7R42**	Screwed Shaft	4200	1.98	(4.37)				0.7	2200	2.30	1.7
MSD7R150**		15000	1.98	(4.37)				0.7	7500	0.67	0.5
MD7R04R		400	2.49	(5.5)				0.55	170	23.03	17.0
MD7R06R		600	2.49	(5.5)				0.55	300	13.14	9.7
MD7R10R	7 Series	1000	2.49	(5.5)				0.55	500	7.85	5.8
MD7R23R	Reversible	2300	1.98	(4.37)	94.0 (81.0*)	16.5	(35.0)	0.55	1100	3.52	2.6
MD7R35R		3500	1.98	(4.37)				0.55	1750	2.23	1.65
MD7R100R		10000	1.98	(4.37)				0.55	5400	0.71	0.53

* See TSP2002 operating instructions with regard to reducing noise levels on these tools.

** MSD denotes 1/2" – 20UNF 2A threaded output shaft.