



R4110

AIR MOTORS

Material

Precision air motor of stainless steel body and aluminium construction. The balanced rotor is positioned between precision ball bearings which virtually eliminates friction and wear. A hardened planetary gear system provides increased torque transmission capabilities and long-life.

Technical Notes

For medical, robotic and industrial applications. Figures below relate to average free speed and stall torque specifications at 90 psi. Maximum shaft loading 7,5Kg. **Please read operating and installation manual carefully, to ensure product life.**

Tips

Shaft seals available for units having free speeds of 2000 rpm or less. If you require a sealed motor please clearly specify when ordering and add -S to part number.

LF=lubrication free version

Order No.	Type	Free speed rpm	Lubricate?	Stall torque Nm	l_1	Weight g
R4110.MMD5000	Right hand	50.000	Yes	0.03	65.0	92
R4110.MMD2800	Right hand	28.000	Yes	0.05	65.0	92
R4110.MMD0700	Right hand	7.000	Yes	0.17	65.0	92
R4110.MMD0014	Right hand	1.750	Yes	0.78	81.0	120
R4110.MMD0004	Right hand	450	Yes	3.10	96.8	135
R4110.MMD5000-LF	Right hand	50.000	No	0.03	65.0	92
R4110.MMD2800-LF	Right hand	28.000	No	0.05	65.0	92
R4110.MMD0700-LF	Right hand	7.000	No	0.17	65.0	92
R4110.MMD0014-LF	Right hand	1.750	No	0.78	81.0	120
R4110.MMD0004-LF	Right hand	450	No	3.10	96.8	135
R4110.MMDR5000	Reversible	50.000	Yes	0.03	65.0	92
R4110.MMDR2800	Reversible	28.000	Yes	0.05	65.0	92
R4110.MMDR0700	Reversible	7.000	Yes	0.17	65.0	92
R4110.MMDR0014	Reversible	1.750	Yes	0.78	81.0	120
R4110.MMDR0004	Reversible	450	Yes	3.10	96.8	135
R4110.MMDR5000-LF	Reversible	50.000	No	0.03	65.0	92
R4110.MMDR2800-LF	Reversible	28.000	No	0.05	65.0	92
R4110.MMDR0700-LF	Reversible	7.000	No	0.17	65.0	92
R4110.MMDR0014-LF	Reversible	1.750	No	0.78	81.0	120
R4110.MMDR0004-LF	Reversible	450	No	3.10	96.8	135