



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 |
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