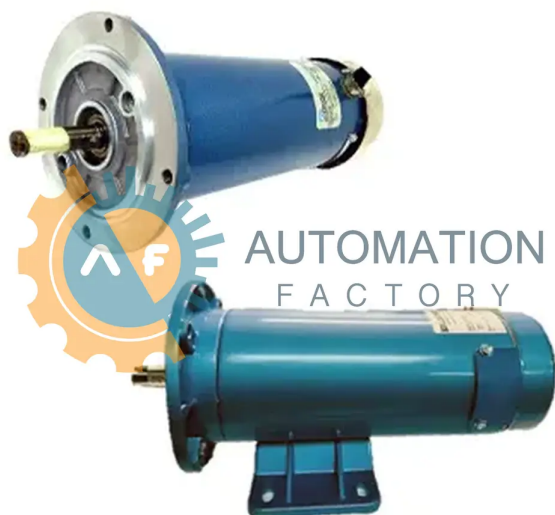


Kollmorgen - SR and SRF Permanent Magnet Motors

SR3644-4458-5



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The **SR3644-4458-5** is a part of the **SR and SRF Permanent Magnet Motors Series** by Kollmorgen.

Specifications

Bolt circle diameter:	Ø 3.000 in (76.2 mm)	Conduit connection (L):	1/2 NPSC tap with removable insulating bushing	Construction type:	Splashproof
Encoder connector option:	MS Connector C	Encoder output format:	Dual-channel quadrature with index (Z)	Frame type:	NEMA 42
Inner diameter:	Ø 2.186±0.002 in (55.52±0.051 mm)	Max axial shaft load:	400 lb (1780 N)	Max radial shaft load:	140 lb (623 N)
Mounting screws:	3x #10-32 UNC-2B, equally spaced	Operating temperature:	-40°C to 100°C	Phase winding resistance:	0.16 ? ±10%
Rotor inertia:	0.16 ^{SPR} 0.80×10 ⁻³ kg·m ²	Storage temperature:	-40°C to 100°C	Terminal connections:	Type L or M
Last Verified:	06/05/2025 9:44 AM				

Contact Us

 1620 Old Apex Road, Cary, NC 27513, USA

 Toll Free: [1-888-551-3082](tel:1-888-551-3082)

 International: [1-919-443-0207](tel:1-919-443-0207)

 Fax: [1-919-867-6204](tel:1-919-867-6204)

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