



Danaher - Dynapar Encoders

RI58-O/5000ES.41RD



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One Year

The **RI58-O/5000ES.41RD** is a part of the **Dynapar Encoders** by **Danaher**.

Specifications

Dust resistance:	Yes	Flange types:	Synchro, Clamping, Square, Synchro Clamping	Housing diameter:	58 mm
Housing material:	Aluminum	Max rotational speed:	10000 U/min	Moment of inertia:	14 g·cm ² (Synchro); 20 g·cm ² (Square)
Operating temperature range:	-10 °C to +70 °C	Protection class:	Housing IP65/IP67; Shaft IP64/IP67	Pulse count:	5000 pulses
Shaft diameter options:	6 mm, 7 mm, 8 mm, 9.52 mm, 10 mm, 12 mm	Shaft load (7 mm):	axial 40 N; radial 60 N	Shaft load (Ø12 mm):	axial 60 N; radial 80 N
Shaft load (Ø6 mm):	axial 20 N; radial 40 N	Shaft material:	Stainless Steel	Shock resistance:	1000 m/s ² (6 ms)
Starting torque:	≥ 0.5 Ncm (Std) or ≥ 1 Ncm (IP67)	Vibration resistance:	100 m/s ² (10-2000 Hz)	Weight:	approx. 360 g
Last Verified:	07/16/2025 8:01 AM				

Contact Us

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Shipping Options



Payment Methods



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