



Incremental encoders DFS60B-S1PC

10000

URL:<https://www.sxplc.com/incremental-encoders-dfs60b-s1pc-10000>

Product data sheet

Shaft diameter	6 mm
Shaft length	10 mm
Weight	+ 0.3 kg
Shaft material	Stainless steel
Flange material	Aluminum
Housing material	Aluminum die cast
Start up torque	0.5 Ncm (+20 °C)
Operating torque	0.3 Ncm (+20 °C)
Permissible shaft loading	80 N (radial) 40 N (axial)
Operating speed	$\leq 9,000 \text{ min}^{-1}$ ¹⁾
Moment of inertia of the rotor	6.2 gcm ²
Bearing lifetime	3.6 x 10 ¹⁰ revolutions
Angular acceleration	$\leq 500,000 \text{ rad/s}^2$

