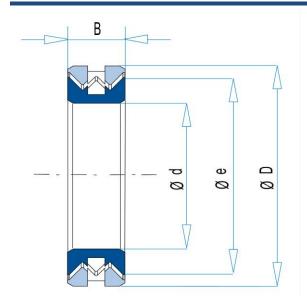
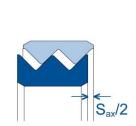


Data Sheet Non-Contact Seals









Part Number	M120X140X15
Series	M
Drain Grooves	Yes

Material

Inner Ring	Steel
Outer Ring	Aluminum

Shaft & Housing Tolerances

Shaft Tolerance	h6
Housing Tolerance	K7
Shaft & Housing Surface	$R_z \le 16 \mu m$; $R_a \le 3.2 \mu m$
Shaft & Housing Chamfer	1.5 mm x 15°

Dimensions

Bore Diameter	d [mm]	120
Outer Diameter	D [mm]	140
Width	B [mm]	15
Gap Diameter	e [mm]	135.0
Axial Clearance ¹	S _{ax} [mm]	0.70
Drain Groove Width	c [mm]	5.0

Misc. Data

Weight	[kg]	0.310
Max Speed ²	[rpm]	10,400
Temperature Range	[°C]	-40 – 200

Notes:

- 1. Axial Clearance (S_{ax}) = The total axial movement of the seal's inner ring in relation to the outer ring in the axial direction.
- 2. The stated speed value is contingent on utilizing specified tolerances, correct installation techniques, and an operating temperature below the specified maximum.