



SKF HW-36X44X6-J2G

Polyurethane snap-in wiper seal with double lips

Hydraulic wiper seals prevent contaminants from entering a cylinder assembly and hydraulic system. HW seals are polyurethane snap-in wiper seals. They have a double-lip design with an internal-facing wiper lip that regulates the lubrication film on the rod. Double-acting wipers improve the performance and extend the service life of rod sealing systems.

Technical specifications

Dimensions	
Rod diameter	36 mm
Housing groove diameter	44 mm
Housing shoulder diameter	40 mm
Housing groove width	6 mm
Radial depth	4 mm
Lead-in chamfer length on rod	3.5 mm
Groove radius	0.3 mm
	Tolerance for rod diameter is determined by the rod seal.
Upper limit deviation	0.16 mm
Lower limit deviation	0 mm
Upper limit deviation	0 mm
Tolerance class for housing diameter	H11
Lower limit deviation	0 mm
Upper limit deviation	0.2 mm
Lower limit deviation	0 mm
Housing groove bore diameter	44 mm

Materials	
Primary sealing element	Polyurethane (TPU U-1003)

Operating conditions	
Speed	0.75 m/s
Temperature	-40 °C
Temperature	100 °C
	Maximum values of application parameters (e.g. pressure, speed, temperature) should not be applied continuously nor simultaneously.

Properties	
Bore type	Snap-in wiper seal
Design	HW
Sealing lip material	Polyurethane (TPU U-1003)

Logistics	
Product net weight	0.0027 kg
eClass code	23-07-01-90
UNSPSC code	31181602

SKF drawings

