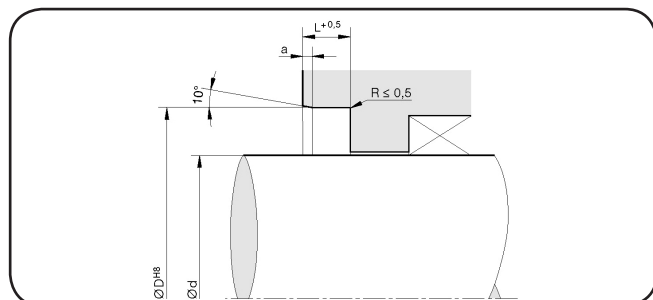


### ROD WIPER METAL BOX



### MAIN FEATURES

The wear-resistant RPM wiper is used to prevent dust, dirt, sand and shavings from entering into the hydraulic cylinder. This reduces the risk of scratches on the piston rod caused by external contamination embedded in the guide. The good cleaning effect is achieved by the special design of the wiper edge.

The proven 93 Sh. polyurethane compound features abrasion resistance, decreased permanent deformation and robustness against external mechanical impact. The wiper is held securely in place in the axially open gap through the press fit of the metal cover against the internal gap diameter. As the edge of the wiper is flush with the cylinder head, it is largely protected against external mechanical damage.

Robust sealing profile for operation under the toughest conditions

- Extreme wear resistance.
- Suitable for fully automatic installation.
- Dimensions according to DIN ISO 6195, type B.
- Simple manufacture of the casing.

# RPM

### DESCRIPTION

Rod wiper with metal exterior.

### SEAL MATERIAL

Polyurethane. 93 °Shores

### MATERIAL FOR THE METAL CORE

Non-alloy steel.

### OPERATING CONDITIONS

Speed: < 0.8 m/sec.

Pressure: < 15 bars

Temperature: - 40 to + 100°C

Fluid: Hydraulic oil  
(mineral based)  
(Other fluid contact our technical department)

Surface Roughness:

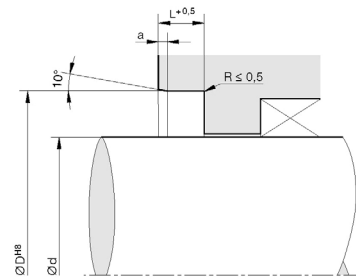
Dynamic surface  $R_a < 0.3 \mu\text{m}$   $R_t < 2.5 \mu\text{m}$

Static surface  $R_a < 1.6 \mu\text{m}$   $R_t < 6.3 \mu\text{m}$

Acceptance chamfer

D	S minimum
° Less than 100 5 mm	5 mm
° From 100 to 200 7 mm	7 mm
° more than 200 10 mm	10 mm

# RPM



Type	d	D 2	L	a	ISO
RPM	20.00	30.00	7.00	1.00	X
RPM	25.00	35.00	7.00	1.00	X
RPM	30.00	40.00	6.00	1.00	
RPM	36.00	48.00	6.00	1.00	
RPM	40.00	50.00	7.00	1.00	X
RPM	40.00	52.00	6.00	1.00	
RPM	45.00	55.00	7.00	1.00	X
RPM	45.00	60.00	7.50	1.00	
RPM	50.00	60.00	7.00	1.00	X
RPM	50.00	65.00	7.50	1.00	
RPM	56.00	70.00	7.50	1.00	
RPM	57.15	69.96	7.92	1.50	
RPM	60.00	70.00	7.00	1.00	
RPM	60.00	74.00	8.00	1.50	
RPM	60.00	75.00	-	0.70	
RPM	63.00	73.00	7.00	1.00	X
RPM	63.00	78.00	7.50	1.00	
RPM	65.00	79.00	8.00	1.50	
RPM	65.00	80.00	5.00	0.70	
RPM	69.85	95.40	12.70	2.00	
RPM	70.00	80.00	7.00	1.00	X
RPM	70.00	84.00	8.00	1.50	
RPM	70.00	85.00	7.50	1.00	
RPM	71.00	86.00	5.00	0.70	
RPM	75.00	89.00	8.00	1.50	

Type	d	D 2	L	a	ISO
RPM	75.00	90.00	5.00	0.70	
RPM	76.50	96.50	10.00	2.00	
RPM	80.00	90.00	7.00	1.00	X
RPM	80.00	94.00	8.00	1.50	
RPM	80.00	95.00	5.00	0.70	
RPM	80.00	100.00	10.00	2.00	
RPM	82.55	108.08	12.70	2.00	
RPM	85.00	99.00	8.00	1.50	
RPM	85.00	105.00	10.00	2.00	
RPM	90.00	100.00	7.00	1.00	X
RPM	90.00	104.00	8.00	1.50	
RPM	90.00	105.00	6.00	1.00	
RPM	90.00	110.00	10.00	2.00	
RPM	95.00	109.00	8.00	1.50	
RPM	100.00	115.00	7.00	1.00	
RPM	100.00	115.00	9.00	1.50	X
RPM	100.00	120.00	10.00	2.00	
RPM	101.60	114.00	8.00	1.50	
RPM	110.00	125.00	9.00	1.50	X
RPM	110.00	126.00	9.00	1.50	
RPM	110.00	130.00	10.00	2.00	
RPM	120.00	140.00	8.00	1.50	
RPM	120.00	140.00	10.00	2.00	
RPM	125.00	140.00	9.00	2.00	X