## WIPERS



#### WIPER PISTON EXTERNAL LIP



#### **MAIN FEATURES**

The RP-3 wiper is designed to prevent dust, dirt and foreign matter from entering into the single-acting cylinder, which has an opening to the atmosphere. This is achieved by means of a special external cleaning lip which produces a very effective wiping action on the inner surface of the cylinder, prevents gap development, protects guide parts and extends the service life of axial motion piston seals. The material used to produce this wiper is a polyurethane compound which guarantees excellent dry operation properties, increased wear resistance and long service life.

- Excellent wear resistance
- Long service life
- Close tolerances are not necessary
- Low cost solution
- Space-saving construction
- Easy installation without additional costs

# RP3

#### DESCRIPTION

Piston wiper with metal exterior.

#### SEAL MATERIAL

Polyurethane. 93 °Shores

### **OPERATING CONDITIONS**

Speed: < 0.8 m/seg. Temperature: - 40 a + 100°C

Fluid: Hydraulic oil (mineral based) (For other fluids, please contact our technical department)

Surface Roughness: Dynamic surface Ra < 0.3 µm Rt < 2.5 µm Static surface Ra < 1.6 µm Rt < 6.3 µm

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



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Part.	D H10	d +0.1	L +0.25	M -0.2
RP3 30	30.00	21.40	5.30	27.00
RP3 40	40.00	31.40	5.30	37.00
RP3 50	50.00	41.40	5.30	47.00
RP3 55	55.00	46.40	5.30	52.00
RP3 60	60.00	51.40	5.30	57.00
RP3 63	63.00	54.40	5.30	60.00
RP3 70	70.00	61.40	5.30	67.00
RP3 80	80.00	71.40	5.30	77.00
RP3 90	90.00	81.40	5.30	87.00
RP3 95	95.00	86.40	5.30	92.00
RP3 100	100.00	91.40	5.30	97.00
RP3 100/B	100.00	88.00	7.50	94.00
RP3 110	110.00	101.40	5.30	107.00
RP3 115	115.00	106.40	5.30	112.00
RP3 115/A	115.00	107.00	5.00	111.00
RP3 115/B	115.00	100.00	10.00	107.50
RP3 120	120.00	111.40	5.30	117.00
RP3 125	125.00	116.40	5.30	122.00
RP3 130	130.00	121.40	5.30	127.00
RP3 140	140.00	131.40	5.30	137.00

