



**Category**

- Seal, Single Acting Piston

**Construction**

- NBR U-ring with nylon back up ring

**Housing**

- Stepped groove on multipart piston

**Comments**

- Common piston seal used in Asian mobile hydraulics
- Retrofit only, not recommended for new applications
- Commonly used in pairs, back to back, on a double acting piston

**Size Range**

- JIS metric

**Metric Specifications**

**Operating Conditions**

Maximum Speed:	0.5 m/sec
Temperature Range:	-40°C ~ 100°C
Maximum Pressure:	350 bar

**Surface Finish**

Dynamic Sealing Face:	0.1 ~ 0.4 µmRa
Static Sealing Face:	1.6 µmRa max
Other Faces:	3.2 µmRa max

### Metric Sizes

Part No	ØD	Ød	H	h	ØW	L
P27-045	45.00	27.00	11.00	10.00	38.00	2.00
P27-050	50.00	32.00	11.00	10.00	43.00	2.00
P27-055	55.00	37.00	11.00	10.00	48.00	2.00
P27-060	60.00	42.00	11.00	10.00	53.00	2.00
P27-065	65.00	47.00	11.00	10.00	58.00	2.00
P27-070	70.00	48.00	13.00	12.00	61.00	2.50
P27-080	80.00	58.00	13.00	12.00	71.00	2.50
P27-085	85.00	63.00	13.00	12.00	76.00	2.50
P27-090	90.00	68.00	13.00	12.00	81.00	2.50
P27-100	100.00	78.00	13.00	12.00	91.00	2.50
P27-110	110.00	88.00	13.00	12.00	101.00	2.50

### Metric Sizes (cont'd)

Part No	ØD	Ød	H	h	ØW	L
P27-115	115.00	93.00	13.00	12.00	106.00	2.50
P27-120	120.00	98.00	13.00	12.00	111.00	2.50
P27-125	125.00	103.00	13.00	12.00	116.00	2.50
P27-130	130.00	108.00	13.00	12.00	121.00	2.50
P27-140	140.00	118.00	13.00	12.00	131.00	2.50
P27-150	150.00	128.00	13.00	12.00	141.00	2.50
P27-160	160.00	138.00	13.00	12.00	151.00	2.50
P27-170	170.00	148.00	13.00	12.00	161.00	2.50
P27-180	180.00	158.00	13.00	12.00	171.00	2.50
P27-190	190.00	168.00	13.00	12.00	181.00	2.50
P27-200	200.00	178.00	13.00	12.00	191.00	2.50