



- Category**
- Seal, Double Acting Piston
- Construction**
- Central NBR rubber sealing element with two polymer back up washers
- Housing**
- Rectangular groove in one piece piston
- Duty**
- Medium
- Features**
- One piece piston
- Comments**
- Fits common Australian grooves
- Size Range**
- Australian imperial

- Metric Specifications**
- Operating Conditions**
- |                    |               |
|--------------------|---------------|
| Maximum Speed:     | 0.5 m/sec     |
| Temperature Range: | -30°C ~ 100°C |
| Maximum Pressure:  | 250 bar       |
- Surface Finish**
- |                       |                |
|-----------------------|----------------|
| Dynamic Sealing Face: | 0.1 ~ 0.4 µmRa |
| Static Sealing Face:  | 1.6 µmRa max   |
| Other Faces:          | 3.2 µmRa max   |
- Chamfers**
- |                      |                         |
|----------------------|-------------------------|
| Minimum Z = C x 0.70 | where C = (ØD - Ød) ÷ 2 |
|----------------------|-------------------------|
- Imperial Specifications**
- Operating Conditions**
- |                    |               |
|--------------------|---------------|
| Maximum Speed:     | 1.5 ft/sec    |
| Temperature Range: | -22°F ~ 212°F |
| Maximum Pressure:  | 3500 psi      |
- Surface Finish**
- |                       |                |
|-----------------------|----------------|
| Dynamic Sealing Face: | 4 ~ 16 µinCLA  |
| Static Sealing Face:  | 63 µinCLA max  |
| Other Faces:          | 125 µinCLA max |
- Chamfers**
- |                      |                         |
|----------------------|-------------------------|
| Minimum Z = C x 0.70 | where C = (ØD - Ød) ÷ 2 |
|----------------------|-------------------------|

### Imperial Sizes

Part No.	ØD	Ød	H	ØE
<i>Tolerances</i>	<i>H9</i>	<i>h9</i>	<i>+0.005 -0</i>	<i>+0.002 -0</i>
JS150-	1.500	1.125	0.452	1.495
JS162-	1.625	1.250	0.452	1.620
JS187-	1.875	1.500	0.452	1.870
JS200-	2.000	1.500	0.587	1.995

### Imperial Sizes (cont'd)

Part No.	ØD	Ød	H	ØE
JS225-	2.250	1.750	0.587	2.245
JS250-	2.500	2.000	0.587	2.495
JS275-	2.750	2.250	0.587	2.745
JS300-	3.000	2.500	0.587	2.995
JS350-	3.500	3.000	0.587	3.495
JS400-	4.000	3.250	0.780	3.990