



## Category

- Seal, Double Acting Piston

## Construction

- Filled PTFE sealing ring with an NBR energiser and nylon back up washers

## Housing

- Rectangular groove in one piece piston

## Duty

- Medium to heavy

## Features

- High performance upgrade for Australian agricultural grooves
- Low friction
- Easy installation onto one piece pistons

## Comments

- Fits common Australian grooves

## Manufacturer

- Transeals

## Size Range

- Australian imperial

## Options

- Available with urethane sealing ring, acetal back up washers and nylon wear rings

## Imperial Sizes

Part No.	ØD	Ød	H
<i>Tolerances</i>	<i>±0.005</i>	<i>±0.005</i>	<i>+0.005 -0</i>
JS400-4P	4.000	3.250	0.780
JS425-4P	4.250	3.500	0.780
JS450-4P	4.500	3.750	0.780
JS475-4P	4.750	4.000	0.780
JS500-4P	5.000	4.250	0.780
JS525-4P	5.250	4.500	0.780
JS550-4P	5.500	4.750	0.780
JS575-4P	5.750	5.000	0.780
JS600-4P	6.000	5.250	0.780
JS675-4P	6.750	6.000	0.780

## Metric Specifications

### Operating Conditions

Maximum Speed:	4.0 m/sec
Temperature Range:	-30°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

### Extrusion Gap (Diametral)

Pressure (bar)	100	170	260	350
Maximum gap (mm)	0.60	0.50	0.40	0.30

### Chamfers

Minimum Z = C x 0.50	where C = (ØD - Ød) ÷ 2
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## Imperial Specifications

### Operating Conditions

Maximum Speed:	12.0 ft/sec
Temperature Range:	-22°F ~ 212°F
Maximum Pressure:	5000 psi

### Surface Finish

Dynamic Sealing Face:	4 ~ 16 µinCLA
Static Sealing Face:	63 µinCLA max
Other Faces:	125 µinCLA max

### Extrusion Gap (Diametral)

Pressure (psi)	1500	2500	3750	5000
Maximum gap (in)	0.025	0.020	0.015	0.010

### Chamfers

Minimum Z = C x 0.50	where C = (ØD - Ød) ÷ 2
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## Imperial Sizes (cont'd)

Part No.	ØD	Ød	H
JS700-4P	7.000	6.250	0.780
JS775-4P	7.750	7.000	0.780
JS800-4P	8.000	7.250	0.780
JS825-4P	8.250	7.500	0.780
JS900-4P	9.000	8.250	0.780
JS975-4P	9.750	9.000	0.780
JS1100-4P	11.000	10.250	0.780
JS1200-4P	12.000	11.250	0.780
JS1800-4P	18.000	17.250	0.780
JS2000-4P	20.000	19.250	0.780
JS2300-4P	23.000	22.250	0.780