

## What makes the 780 series so special?

A robust assembly designed specifically for one piece pistons, the 780 double acting seal uses a rubber sealing element that has proved itself in service to be extremely wear resistant and capable of working most effectively in a wide range of medium duty applications. The seal is also suitable for two piece pistons in some instances. **Give us a call to discuss more | 0800 822 722.**

The assembly comprises a rubber sealing element, two split support rings and two split L-shaped bearings, one of each at either side of the seal.

The nitrile rubber sealing element is designed with multi-lips for efficient dynamic sealing with minimal low pressure friction and, when pressurised, be protected from extrusion damage by the extending lips of the support ring. The support ring is manufactured from a tough, flexible polymer and scarf cut for assembly.

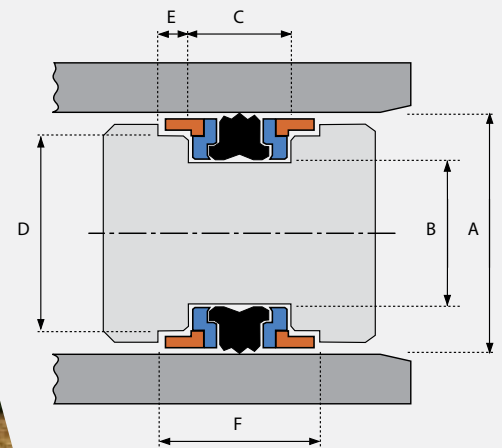
Both the L-shaped bearings and support rings are grooved to ensure that the fluid pressure properly energises the sealing element and to prevent the possibility of any pressure trapping within the seal assembly.

## Benefits:

- Multi lips for efficient dynamic sealing
- Tough, flexible materials
- Well proven design
- Low friction
- Long life
- Effective in a wide range of medium duty applications



Key	Description	
A	Bore OD	D Bearing ID
B	Piston ID	E Bearing land
C	Recess	F Total



## Technical Details

### Operating conditions

	Metric	Inch
Maximum Speed	0.5 m/sec	1.5 ft/sec
Temperature Range	-30°C +100°C	-22°F +212°F
Maximum Pressure	400 bar	6000 p.s.i.

You can find your seal size in our Double Acting Piston Seals catalogue.

