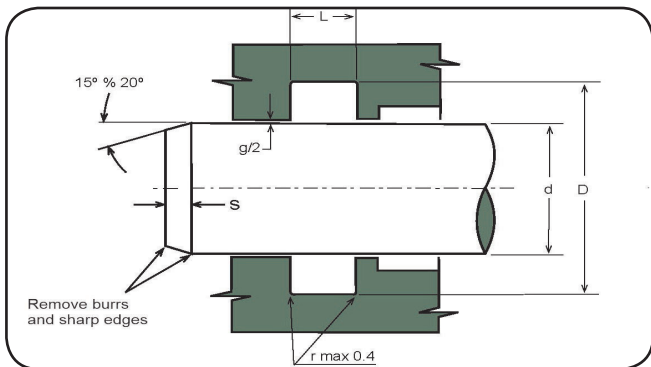


DOUBLE-LIP COLLAR RING



### MAIN FEATURES

This seal is mainly used with high pressure and the backup ring compensates for large gaps without extrusion.

Asymmetrical lips are designed to perform differently on static and dynamic surfaces: the static lip is flexible and more sensitive to pressure fluctuations; the dynamic lip is shorter and stronger to concentrate on the load against the dynamic surface.

Wear and dry running are largely prevented by the additional lubricant retained within the space created by the secondary lip. In some cases, this second sealing lip can even act as a substitute for an expensive tandem sealing system when complete sealing under certain working conditions can only be achieved by two seals placed back-to-back in a separate casing.

- Very high extrusion resistance (backup ring)
- Long service life
- Excellent wear resistance.
- Good resistance to temperature
- Insensitive to structural deviations.
- Easy installation with no ancillary costs.

# CPVA

### DESCRIPTION

Double-lip polyurethane closure collar for rod with anti-extrusion ring

### MATERIAL

Polyurethane. Hardness: 93° Sh A.

### OPERATING CONDITIONS

Speed: < 0.5 m/sec.

Pressure: 40 Mpa.

Temperature: - 40 to + 100°C

Fluid: Hydraulic oil

(mineral based)

(For other fluids, contact a technician)

### EXTRUSION GAP "G"

The maximum coupling clearance on the side opposite to the pressure direction.

- ° 50 bar. 1.20 mm
- ° 100 bar. 0.80 mm
- ° 200 bar. 0.40 mm
- ° 300 bar. 0.25 mm
- ° 400 bar. 0.17 mm

### SURFACE ROUGHNESS

Dynamic surface  $R_a < 0.3 \mu\text{m}$   $R_t < 2.5 \mu\text{m}$

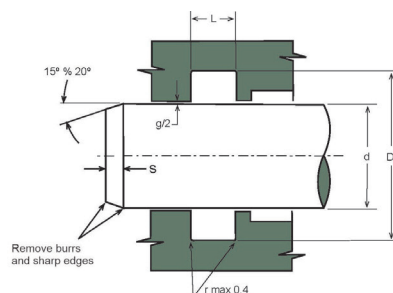
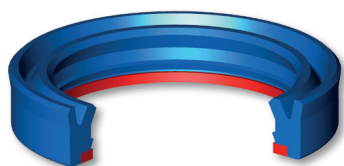
Static surface  $R_a < 1.6 \mu\text{m}$   $R_t < 6.3 \mu\text{m}$

### 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

•The "D" and "d" dimensions in black are those recommended by the CETOP standard.

# CPVA



Type	ØInt	Øext.	Ht.	df7	DH10	L±0.25
CPVA	40.00	55.00	11.50	40.00	55.00	12.50
CPVA	60.00	68.00	13.00	60.00	68.00	14.00
CPVA	75.00	90.00	10.00	75.00	90.00	11.00
CPVA	78.00	86.00	13.00	78.00	86.00	14.00
CPVA	80.00	95.00	11.50	80.00	95.00	12.50
CPVA	90.00	105.00	11.50	90.00	105.00	12.50
CPVA	90.00	105.00	12.00	90.00	105.00	13.00
CPVA	97.00	105.00	13.00	97.00	105.00	14.00
CPVA	105.00	125.00	14.50	105.00	125.00	15.50
CPVA	110.00	130.00	15.00	110.00	130.00	16.00
CPVA	115.00	140.00	15.00	115.00	140.00	16.00
CPVA	118.00	126.00	13.00	118.00	126.00	14.00
CPVA	143.00	151.00	13.00	143.00	151.00	14.00
CPVA	180.00	195.00	14.00	180.00	195.00	15.00
CPVA	40.00	55.10	6.30	40.00	55.10	6.30
CPVA	45.00	60.10	6.30	45.00	60.10	6.30
CPVA	50.00	65.10	6.30	50.00	65.10	6.30
CPVA	56.00	71.10	6.30	56.00	71.10	6.30
CPVA	60.00	75.10	6.30	60.00	75.10	6.30
CPVA	63.00	78.10	6.30	63.00	78.10	6.30
CPVA	70.00	85.10	6.30	70.00	85.10	6.30
CPVA	80.00	95.10	6.30	80.00	95.10	6.30
CPVA	90.00	105.10	6.30	90.00	105.10	6.30
CPVA	100.00	115.10	6.30	100.00	115.10	6.30