

CPV

DESCRIPTION

Polyurethane collar with symmetrical lips, rod application.

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

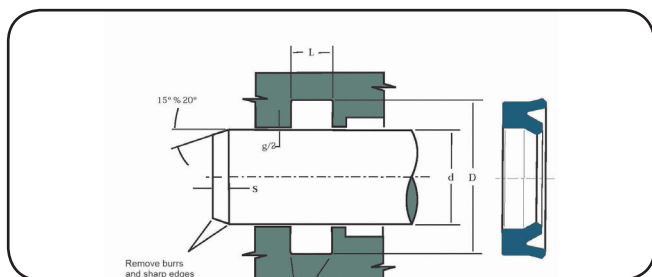
Dynamic surface Ra < 0.3 µm Rt < 2.5 µm
 Static surface Ra < 1.6 µm Rt < 6.3 µm

ACCEPTANCE CHAMFER

D	S minimum
° Less than 100	5 mm
° From 100 to 200	7 mm
° more than 200	10 mm

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

ROD ASYMMETRICAL COLLAR



MAIN FEATURES

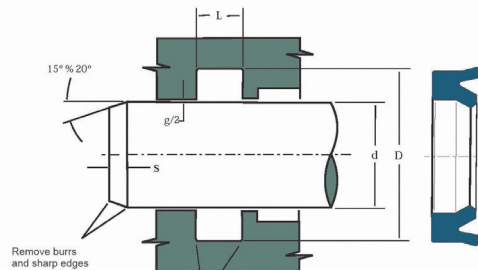
The CPV rod seal ensures a good reaction to pressure variation and perfect closure at low pressures.

The asymmetrical lip is designed to perform differently on static and dynamic surfaces. The static lip is more flexible to pressure variation and ensures a wide contact surface. The dynamic lip, being shorter and stiffer, provides optimal contact with the dynamic surface.

This seal is manufactured from a special Polyurethane with excellent anti-abrasion properties, which ensures long operating life and good abrasion and extrusion resistance.

- ° High operating life
- ° High extrusion resistance
- ° Excellent wear resistance
- ° Good resistance to temperature
- ° Easy installation and assembly

CPV



Type	ØInt	Øext.	Ht.	d f7	D H10	L±0.25
CPV	10.00	20.00	7.00	10.00	20.00	8.00
CPV	11.00	17.00	4.50	11.00	17.00	4.00
CPV	12.00	17.00	5.80	12.00	17.00	4.00
CPV	12.00	20.00	5.80	12.00	20.00	6.30
CPV	12.00	22.00	7.00	12.00	22.00	8.00
CPV	14.00	22.00	5.80	14.00	22.00	6.30
CPV	15.00	23.00	5.80	15.00	23.00	6.30
CPV	16.00	20.60	3.30	16.00	20.60	3.60
CPV	16.00	22.00	5.00	16.00	22.00	5.50
CPV	16.00	24.00	5.80	16.00	24.00	6.30
CPV	18.00	24.00	4.70	18.00	24.00	5.20
CPV	18.00	26.00	5.80	18.00	26.00	6.30
CPV	20.00	26.00	5.00	20.00	26.00	5.50
CPV	20.00	28.00	5.80	20.00	28.00	6.30
CPV	20.00	28.00	7.00	20.00	28.00	8.00
CPV	20.00	28.00	7.00	20.00	28.00	7.00
CPV	22.00	30.00	5.80	22.00	30.00	6.30
CPV	22.00	32.00	7.00	22.00	32.00	8.00
CPV	24.00	34.00	7.00	24.00	34.00	8.00
CPV	25.00	33.00	5.80	25.00	33.00	6.30
CPV	25.00	35.00	7.00	25.00	35.00	8.00
CPV	28.00	40.00	8.50	28.00	40.00	9.50
CPV	30.00	38.00	5.80	30.00	38.00	6.30
CPV	30.00	38.00	8.00	38.00	38.00	9.00
CPV	30.00	40.00	7.00	30.00	40.00	8.00
CPV	30.00	40.00	9.50	30.00	40.00	10.50
CPV	32.00	40.00	5.80	32.00	40.00	6.30
CPV	32.00	40.00	8.00	32.00	40.00	9.00
CPV	32.00	42.00	7.00	32.00	42.00	8.00
CPV	33.00	43.00	10.00	33.00	43.00	11.00
CPV	35.00	43.00	5.80	35.00	43.00	6.30
CPV	35.00	43.00	8.00	35.00	43.00	9.00
CPV	35.00	45.00	7.00	35.00	45.00	8.00
CPV	35.00	46.00	8.00	35.00	46.00	9.00
CPV	36.00	46.00	7.00	36.00	46.00	8.00
CPV	36.00	48.00	11.00	36.00	48.00	12.00
CPV	38.00	45.00	5.00	38.00	45.00	5.50

Type	ØInt	Øext.	Ht.	d f7	D H10	L± 0.25
CPV	38.00	44.50	4.70	38.00	44.50	5.30
CPV	40.00	48.00	4.00	40.00	48.00	4.50
CPV	40.00	48.00	5.80	40.00	48.00	6.30
CPV	40.00	50.00	7.00	40.00	50.00	8.00
CPV	40.00	50.00	10.00	40.00	50.00	11.00
CPV	40.00	52.00	8.00	40.00	52.00	9.00
CPV	45.00	55.00	7.00	45.00	55.00	8.00
CPV	45.00	55.00	10.00	45.00	55.00	11.00
CPV	50.00	60.00	7.00	50.00	60.00	8.00
CPV	50.00	60.00	10.00	50.00	60.00	11.00
CPV	50.00	65.00	11.50	50.00	65.00	12.50
CPV	50.00	68.00	9.00	50.00	68.00	10.00
CPV	55.00	65.00	10.00	55.00	65.00	11.00
CPV	55.00	65.00	12.00	55.00	65.00	13.00
CPV	55.00	70.00	9.50	55.00	70.00	10.50
CPV	60.00	65.60	5.60	60.00	65.60	6.30
CPV	60.00	70.00	7.00	60.00	70.00	8.00
CPV	60.00	72.00	8.00	60.00	72.00	9.00
CPV	60.00	75.00	8.00	60.00	75.00	11.00
CPV	60.00	75.00	12.00	60.00	75.00	13.00
CPV	65.00	80.00	10.00	65.00	80.00	11.00
CPV	70.00	80.00	7.00	70.00	80.00	8.00
CPV	70.00	85.00	10.00	70.00	85.00	11.00
CPV	70.00	85.00	11.00	70.00	85.00	12.00
CPV	80.00	90.00	7.00	80.00	90.00	8.00
CPV	80.00	90.00	12.00	80.00	90.00	13.00
CPV	80.00	95.00	10.00	80.00	95.00	11.00
CPV	85.00	100.00	12.00	85.00	100.00	13.00
CPV	90.00	100.00	12.00	90.00	100.00	13.00
CPV	90.00	110.00	12.00	90.00	110.00	13.00
CPV	95.00	105.00	5.00	95.00	105.00	5.70
CPV	100.00	115.00	10.50	100.00	115.00	11.50
CPV	100.00	115.00	12.00	100.00	115.00	13.00
CPV	110.00	130.00	12.00	110.00	130.00	13.00
CPV	115.00	130.00	11.00	115.00	130.00	12.00
CPV	130.00	145.00	14.00	130.00	145.00	15.00