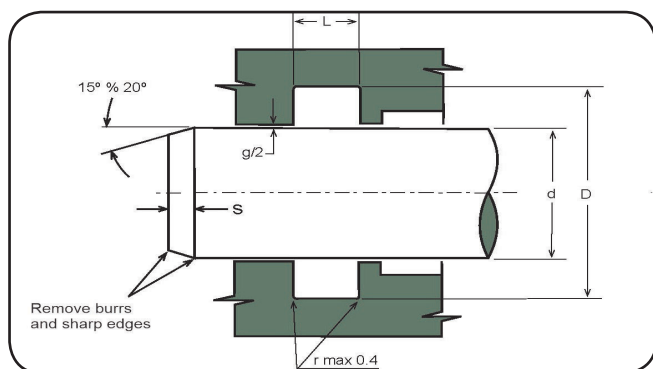


### DOUBLE-LIP POLY COLLAR



### MAIN FEATURES

The CPDV is a gasket which, thanks to its semi-compact profile, has an excellent closure capacity at low pressure. The oil placed before the main and secondary lip reduces the contact surface of the lip and consequently the wear of the seal.

Thanks to the second contact lip, the CPDV seal can be used as an alternative in applications that, under certain conditions, require tandem closure.

Designed to be less sensitive to pressure variation than the typical "U" shaped seal. The material used to manufacture this gasket is a polyurethane with excellent anti-extrusion properties that ensures a long operating life.

- ° Good closure capacity at low pressure
- ° High operating life
- ° Excellent wear resistance
- ° Good resistance to temperature
- ° Does not suffer from pressure oscillation
- ° Easy installation

# CPDV

### DESCRIPTION

Double-lip polyurethane closure collar for rod

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

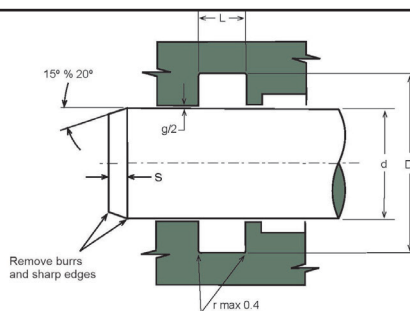
Static surface  $R_a < 1.6 \mu\text{m}$   $R_t < 6.3 \mu\text{m}$

### 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.

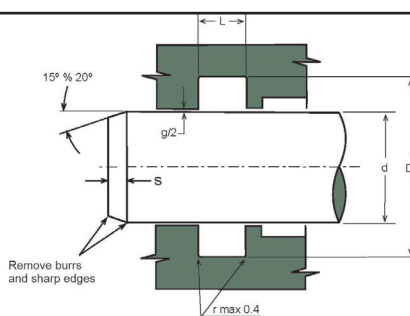
# CPDV



Type	ØInt	Øext.	Ht.	df7	DH10	L±0.25
CPDV	6.00	14.00	5.80	6.00	14.00	6.30
CPDV	8.00	15.00	5.80	8.00	15.00	6.30
CPDV	8.00	16.00	5.80	ISO 8.00	16.00	6.30
CPDV	10.00	18.00	5.80	ISO 10.00	18.00	6.30
CPDV	12.00	19.00	5.60	12.00	19.00	6.10
CPDV	12.00	19.00	5.80	12.00	19.00	6.30
CPDV	12.00	20.00	5.80	ISO 12.00	20.00	6.30
CPDV	12.00	23.00	6.50	12.00	23.00	7.50
CPDV	14.00	20.00	4.80	14.00	20.00	5.30
CPDV	14.00	22.00	5.80	ISO 14.00	22.00	6.30
CPDV	15.00	21.50	4.20	15.00	21.50	5.00
CPDV	15.00	23.00	5.80	15.00	23.00	6.30
CPDV	16.00	24.00	5.80	ISO 16.00	24.00	6.30
CPDV	18.00	24.00	4.70	18.00	24.00	5.50
CPDV	18.00	25.00	5.00	18.00	25.00	5.70
CPDV	18.00	26.00	5.80	ISO 18.00	26.00	6.30
CPDV	18.00	26.00	8.00	18.00	26.00	9.00
CPDV	18.00	28.00	5.80	18.00	28.00	6.30
CPDV	18.00	28.00	7.00	18.00	28.00	8.00
CPDV	20.00	26.00	5.20	20.00	26.00	6.00
CPDV	20.00	27.00	5.80	20.00	27.00	6.50
CPDV	20.00	28.00	5.80	ISO 20.00	28.00	6.30
CPDV	20.00	28.00	7.00	20.00	28.00	8.00
CPDV	20.00	30.00	4.50	20.00	30.00	5.00
CPDV	20.00	30.00	7.00	ISO 20.00	30.00	8.00
CPDV	22.00	30.00	5.80	ISO 22.00	30.00	6.30
CPDV	22.00	30.00	7.00	22.00	30.00	8.00
CPDV	22.00	32.00	7.00	22.00	32.00	8.00
CPDV	22.00	32.00	8.00	22.00	32.00	9.00
CPDV	24.00	34.00	5.80	24.00	34.00	6.50
CPDV	25.00	33.00	5.80	ISO 25.00	33.00	6.30
CPDV	25.00	33.00	6.50	25.00	33.00	7.50
CPDV	25.00	33.00	8.00	25.00	33.00	9.00
CPDV	25.00	35.00	7.00	ISO 25.00	35.00	8.00
CPDV	25.00	35.00	8.00	25.00	35.00	9.00
CPDV	25.00	36.00	5.00	25.00	36.00	6.00
CPDV	27.00	37.00	5.80	27.00	37.00	6.30
CPDV	28.00	36.00	5.80	28.00	36.00	6.30
CPDV	28.00	36.00	8.00	28.00	36.00	9.00
CPDV	28.00	38.00	7.00	ISO 28.00	38.00	8.00

Type	ØInt	Øext.	Ht.	df7	DH10	L±0.25
CPDV	30.00	38.00	5.80	30.00	38.00	6.30
CPDV	30.00	38.00	7.00	30.00	38.00	8.00
CPDV	30.00	40.00	6.50	30.00	40.00	7.50
CPDV	30.00	40.00	10.00	30.00	40.00	11.00
CPDV	32.00	40.00	5.80	32.00	40.00	6.30
CPDV	32.00	40.00	6.70	32.00	40.00	7.70
CPDV	32.00	40.00	8.00	32.00	40.00	9.00
CPDV	32.00	42.00	7.00	ISO 32.00	42.00	8.00
CPDV	32.00	42.00	10.00	ISO 32.00	42.00	11.00
CPDV	32.00	47.00	10.00	32.00	47.00	11.00
CPDV	35.00	43.00	5.80	35.00	43.00	6.30
CPDV	35.00	43.00	6.20	35.00	43.00	7.00
CPDV	35.00	43.00	8.00	35.00	43.00	9.00
CPDV	35.00	44.00	7.00	35.00	44.00	8.00
CPDV	35.00	45.00	5.80	35.00	45.00	6.30
CPDV	35.00	45.00	7.00	35.00	45.00	8.00
CPDV	35.00	45.00	10.00	35.00	45.00	11.00
CPDV	35.00	45.00	12.50	35.00	45.00	13.50
CPDV	35.00	50.00	10.00	35.00	50.00	11.00
CPDV	36.00	44.00	5.80	36.00	44.00	6.30
CPDV	36.00	44.00	8.00	36.00	44.00	9.00
CPDV	36.00	46.00	7.00	36.00	46.00	8.00
CPDV	36.00	46.00	10.00	36.00	46.00	11.00
CPDV	37.00	47.00	8.00	37.00	47.00	9.00
CPDV	37.00	47.00	10.00	37.00	47.00	11.00
CPDV	38.00	45.00	6.00	38.00	45.00	7.00
CPDV	38.00	50.00	8.50	38.00	50.00	9.50
CPDV	40.00	48.00	5.80	40.00	48.00	6.30
CPDV	40.00	48.00	8.00	40.00	48.00	9.00
CPDV	40.00	50.00	5.80	40.00	50.00	6.30
CPDV	40.00	50.00	7.00	ISO 40.00	50.00	8.00
CPDV	40.00	50.00	10.00	40.00	50.00	11.00
CPDV	40.00	55.00	10.00	40.00	55.00	11.00
CPDV	42.00	52.00	8.00	42.00	52.00	9.00
CPDV	42.00	53.00	9.00	42.00	53.00	10.00
CPDV	45.00	53.00	5.80	45.00	53.00	6.30
CPDV	45.00	53.00	8.00	45.00	53.00	9.00
CPDV	45.00	55.00	5.80	ISO 45.00	55.00	6.30
CPDV	45.00	55.00	7.00	ISO 45.00	55.00	8.00
CPDV	45.00	55.00	10.00	45.00	55.00	11.00

# CPDV



Type	ØInt	Øext.	Ht.	df7	DH10	L±0.25	
CPDV	45.00	57.00	9.00	45.00	57.00	10.00	
CPDV	46.00	54.00	7.50	46.00	54.00	8.50	
CPDV	48.00	60.00	6.00	48.00	60.00	7.00	
CPDV	50.00	58.00	8.00	50.00	58.00	9.00	
CPDV	50.00	60.00	7.00	ISO	50.00	60.00	8.00
CPDV	50.00	60.00	9.00	50.00	60.00	10.00	
CPDV	50.00	60.00	10.00	50.00	60.00	11.00	
CPDV	50.00	62.00	8.00	50.00	62.00	9.00	
CPDV	50.00	62.00	10.00	50.00	62.00	11.00	
CPDV	50.00	65.00	10.00	50.00	65.00	11.00	
CPDV	50.00	65.00	11.50	50.00	65.00	12.50	
CPDV	50.00	70.00	13.50	50.00	70.00	14.50	
CPDV	55.00	63.00	8.00	55.00	63.00	9.00	
CPDV	55.00	65.00	7.00	55.00	65.00	8.00	
CPDV	55.00	65.00	10.00	55.00	65.00	11.00	
CPDV	55.00	65.00	12.00	55.00	65.00	13.00	
CPDV	55.00	70.00	9.50	55.00	70.00	10.50	
CPDV	56.00	66.00	6.50	56.00	66.00	7.50	
CPDV	56.00	66.00	10.00	56.00	66.00	11.00	
CPDV	56.00	71.00	9.50	56.00	71.00	10.50	
CPDV	56.00	71.00	11.50	ISO	56.00	71.00	12.50
CPDV	60.00	68.00	8.00	60.00	68.00	9.00	
CPDV	60.00	70.00	7.00	60.00	70.00	8.00	
CPDV	60.00	70.00	10.00	60.00	70.00	11.00	
CPDV	60.00	70.00	12.00	60.00	70.00	13.00	
CPDV	60.00	72.00	9.00	60.00	72.00	10.00	
CPDV	60.00	75.00	10.00	60.00	75.00	11.00	
CPDV	61.00	69.00	7.50	61.00	69.00	8.50	
CPDV	63.00	73.00	10.00	63.00	73.00	11.00	
CPDV	63.00	75.00	8.50	63.00	75.00	9.50	
CPDV	63.00	75.00	10.00	63.00	75.00	11.00	
CPDV	63.00	78.00	11.50	63.00	78.00	12.50	
CPDV	65.00	75.00	12.00	65.00	75.00	13.00	
CPDV	65.00	77.00	8.50	65.00	77.00	9.50	
CPDV	68.00	76.00	8.00	68.00	76.00	9.00	
CPDV	70.00	78.00	8.00	70.00	78.00	9.00	
CPDV	70.00	80.00	7.00	70.00	80.00	8.00	
CPDV	70.00	80.00	10.00	70.00	80.00	11.00	
CPDV	70.00	80.00	12.00	70.00	80.00	13.00	

Type	ØInt	Øext.	Ht.	df7	DH10	L±0.25	
CPDV	70.00	82.00	9.00	70.00	82.00	10.00	
CPDV	70.00	85.00	11.00	ISO	70.00	85.00	12.00
CPDV	75.00	83.00	8.00	75.00	83.00	9.00	
CPDV	75.00	85.00	7.00	75.00	85.00	8.00	
CPDV	75.00	90.00	10.50	75.00	90.00	11.50	
CPDV	76.00	84.00	7.50	76.00	84.00	8.50	
CPDV	80.00	88.00	11.50	80.00	88.00	12.50	
CPDV	80.00	89.00	10.00	80.00	89.00	11.00	
CPDV	80.00	90.00	7.00	80.00	90.00	8.00	
CPDV	80.00	90.00	12.00	80.00	90.00	13.00	
CPDV	80.00	92.00	9.00	80.00	92.00	9.60	
CPDV	80.00	95.00	11.00	ISO	80.00	95.00	12.00
CPDV	80.00	96.00	9.50	80.00	96.00	10.50	
CPDV	85.00	95.00	7.00	85.00	95.00	8.00	
CPDV	85.00	95.00	12.00	85.00	95.00	13.00	
CPDV	85.00	97.00	8.50	85.00	97.00	9.50	
CPDV	88.00	96.00	7.50	88.00	96.00	8.50	
CPDV	88.90	101.60	9.50	88.90	101.60	10.50	
CPDV	90.00	102.00	9.00	90.00	102.00	10.00	
CPDV	90.00	105.00	11.50	90.00	105.00	12.50	
CPDV	90.00	105.00	11.50	ISO	90.00	105.00	12.50
CPDV	91.00	99.00	7.50	91.00	99.00	8.50	
CPDV	95.00	104.00	10.00	95.00	104.00	11.00	
CPDV	95.00	112.00	11.00	95.00	112.00	12.00	
CPDV	100.00	108.00	11.50	100.00	108.00	12.50	
CPDV	100.00	115.00	11.50	100.00	115.00	12.50	
CPDV	101.60	114.30	9.52	101.60	114.30	10.50	
CPDV	107.00	115.00	8.50	107.00	115.00	8.50	
CPDV	110.00	119.00	10.00	110.00	119.00	11.00	
CPDV	110.00	125.00	11.00	110.00	125.00	12.00	
CPDV	120.00	140.00	12.00	120.00	140.00	13.00	
CPDV	126.00	134.00	7.50	126.00	134.00	8.50	
CPDV	130.00	150.00	12.00	130.00	150.00	13.00	
CPDV	140.00	160.00	11.50	140.00	160.00	12.50	
CPDV	145.00	153.00	7.50	145.00	153.00	8.50	
CPDV	150.00	170.00	12.00	150.00	170.00	13.00	
CPDV	180.00	200.00	12.00	180.00	200.00	13.00	
CPDV	190.00	210.00	12.00	190.00	210.00	13.00	
CPDV	210.00	230.00	15.00	210.00	230.00	16.00	