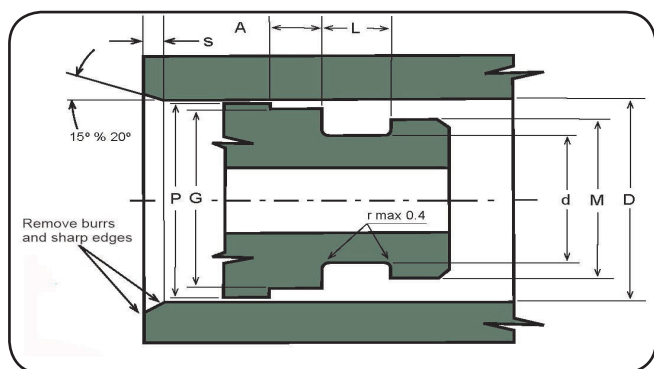


COLLAR WITH GUIDE



MAIN FEATURES

The CPEG type piston seal is composed of:
 A gasket that ensures a good reaction to pressure variation and low friction in the low pressure range. Its asymmetrical lip is designed to perform differently on static and dynamic surfaces. Its static lip is flexible and more sensitive to pressure variation, ensuring a wide contact surface. Its dynamic lip is shorter and stiffer to concentrate the pressure against the dynamic surface.

- ° Cost-effective solution for guiding the piston
- ° High operating life
- ° High extrusion resistance
- ° Excellent wear resistance
- ° Good resistance to temperature
- ° Easy installation

CPEG

DESCRIPTION

Polyurethane collar for single-acting piston, asymmetrical lip with guide

MATERIAL

Polyurethane. Hardness: 93° Sh A.
 Acetal Resin Ring

OPERATING CONDITIONS

Speed: < 0.5 m/sec.
 Pressure: <500 bars.
 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

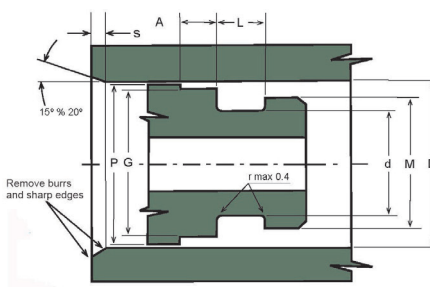
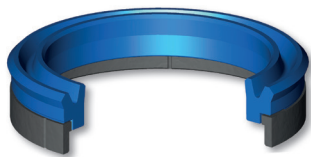
SURFACE ROUGHNESS

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
° From 100 to 200	7 mm
° more than 200	10 mm

CPEG



Type	ØExt.	Øint	Ht.	D H10	d f8	L± 0.25	A± 0.1	G± 0.05	P± 0.2	M
CPEG	32.00	20.00	8.00	32.00	20.00	9.00	6.35	28.50	30.50	24.00
CPEG	35.00	22.00	9.00	35.00	22.00	10.00	6.35	31.40	33.50	27.00
CPEG	40.00	25.00	8.50	40.00	25.00	9.50	6.35	35.40	38.50	30.00
CPEG	40.00	26.00	9.50	40.00	26.00	9.50	6.35	35.40	38.50	31.00
CPEG	45.00	30.00	9.00	45.00	30.00	10.00	6.35	40.40	43.70	35.00
CPEG	45.00	35.00	8.50	45.00	35.00	9.50	6.35	40.40	43.70	39.00
CPEG	50.00	30.00	13.50	50.00	30.00	14.50	6.35	44.30	48.50	35.00
CPEG	50.00	35.00	10.00	50.00	35.00	11.00	6.35	45.35	48.50	40.00
CPEG	50.00	40.00	10.00	50.00	40.00	11.00	6.35	45.40	48.50	44.00
CPEG	55.00	40.00	10.00	55.00	40.00	11.00	6.35	50.35	53.50	45.00
CPEG	60.00	40.00	13.50	60.00	40.00	14.50	6.35	55.40	58.50	45.00
CPEG	60.00	45.00	10.00	60.00	45.00	11.00	6.35	55.40	58.50	50.00
CPEG	63.00	45.00	10.00	63.00	45.00	11.00	6.35	58.40	61.50	50.00
CPEG	65.00	50.00	10.00	65.00	50.00	11.00	6.35	60.40	63.50	55.00
CPEG	70.00	50.00	13.50	70.00	50.00	14.50	6.35	64.20	68.30	55.00
CPEG	80.00	60.00	12.00	80.00	60.00	13.00	6.35	74.15	78.30	65.00
CPEG	90.00	70.00	12.00	90.00	70.00	13.00	6.35	84.15	88.30	75.00
CPEG	100.00	80.00	13.50	100.00	80.00	14.50	6.35	93.15	98.00	85.00
CPEG	100.00	80.00	13.5/A	100.00	80.00	14.50	6.35	94.15	98.30	85.00
CPEG	110.00	95.00	12.00	110.00	95.00	13.00	6.35	103.10	108.00	100.00
CPEG	120.00	100.00	13.50	120.00	100.00	14.50	6.35	113.10	118.10	105.00