

ASC80

SECTORS:



CHARACTERISTICS:

- Balanced.
- Multispring.
- Not dependent on the rotation direction.
- Barrier fluid connections.

OPERATING LIMITS:

$$d_1 = 40 \text{ to } 220 \text{ mm} \quad p = 16 \text{ kg/cm}^2$$

$$v = 5 \text{ m/s} \quad t = -40 \text{ to } +300^\circ\text{C} (*)$$

(*) The temperature resistance depends on the material of the secondary seals used.

The operating limits are defined by the PV factor which is determined for the sealing system characteristics and those of the application.

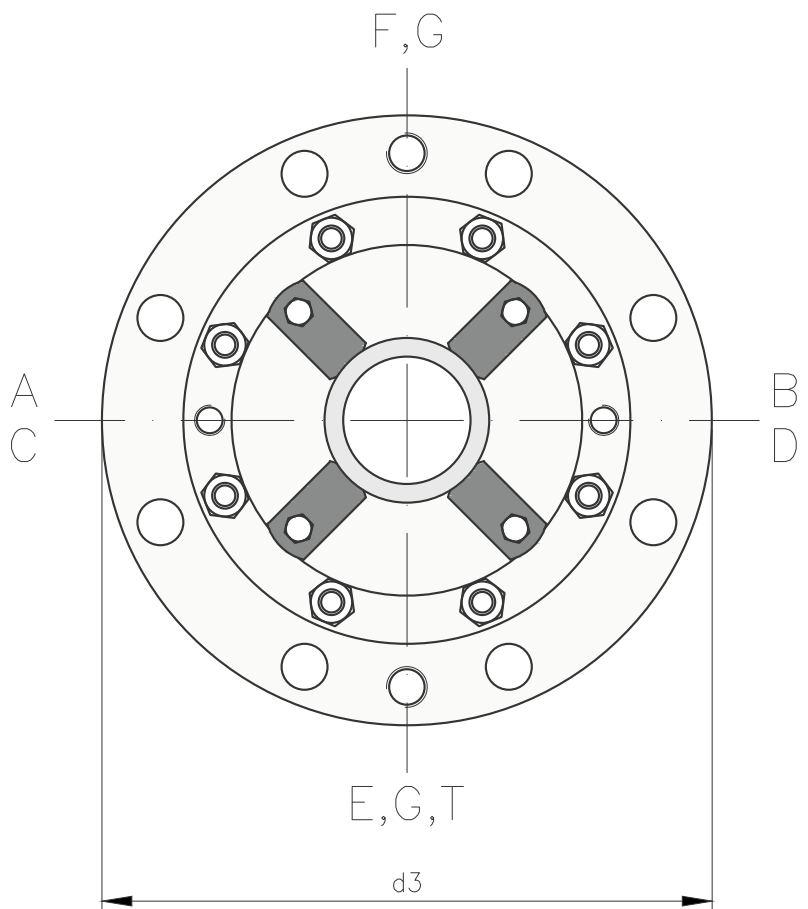
DESCRIPTION:

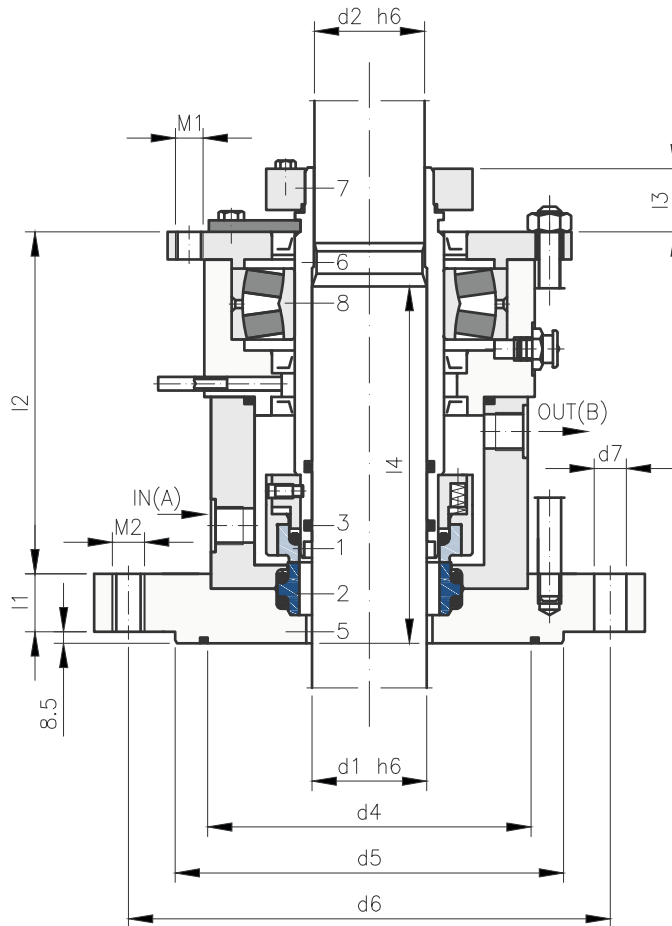
Single cartridge for a wide range of applications. It can be used with non-pressurised fluids (quench) or pressurised fluids. This type of mount prevents leakage to the exterior.

Available with floating bearing. Dimensions in accordance with the DIN 28154 standard.

FLANGE COMPONENTS

- A: Barrier fluid quench IN
 B: Barrier fluid quench OUT
 C: Drainage
 D: Leakage drain G 1/8"
 E : Cooling IN G 3/8"
 F: Cooling OUT G 3/8"
 G: Grease
 T: Temperature metering



**COMPONENTS:**

- 1p Rotating contact surface product side
- 2p Stationary contact surface product side
- 1a Stationary contact surface atmospheric side
- 2a Rotating contact surface atmospheric side
- 3 O- ring
- 5 Flange
- 6 Sleeve
- 7 Drive rings
- 8 Bearings

DIMENSIONS CHART Dimensions in mm

Shaft													
d ₁	mm	d ₂	d ₃	d ₄	d ₅	d ₆	nxd ₇	l ₁	l ₂	l ₃	M ₁	M ₂	A,B
40	38		175	90	110	145	4 x 18	15	136	28	M12	M16	G3/8
50	48		240	135	176	210	8 x 18	17	149	28	M12	M16	G3/8
60	58		240	135	176	210	8 x 18	17	156	28	M12	M16	G3/8
80	78		275	155	204	240	8 x 22	20	189	34	M16	M20	G1/2
100	98		305	19	234	270	8 x 22	20	190	34	M16	M20	G1/2
125	120		330	215	260	295	8 x 22	20	205	40	M20	M20	G1/2
140	135		395	250	313	350	12 x 22	20	222	40	M20	M20	G1/2
160	150		395	265	313	350	12 x 22	25	219,5	40	M20	M20	G1/2
180	170		445	310	364	400	12 x 22	25	230	45	M24	M20	G1/2
200	190		445	310	364	400	12 x 22	25	237,5	45	M24	M20	G1/2
220	210		505	340	422	460	16 x 22	25	249,5	50	M24	M20	G1/2

Dimensions subject to changes or modifications.