

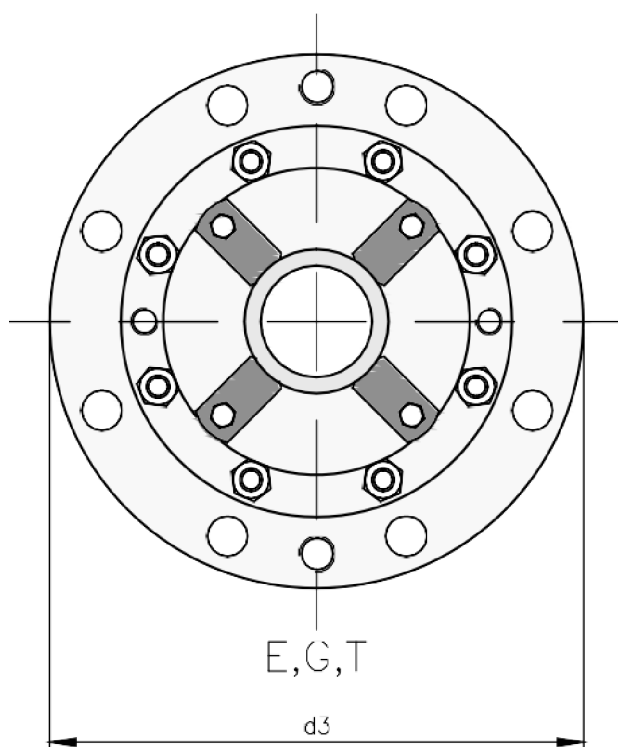


CHARACTERISTICS

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

SECTOR

- Pharmaceutical industry
- Power plant technology
- Pulp and paper industry
- Water and waste water technology
- Mining industry
- Food and beverage industry
- Sugar industry
- Contaminated, abrasive and solids containing media
- Thick juice (70 ... 75 % sugar content)
- Raw sludge, sewage slurries
- Raw sludge pumps
- Thick juice pumps
- Conveying and bottling of dairy products



OPERATING RANGE

Pressure: p = vacuum ... 10 bar (145 PSI)
 Temperature: t = -30 °C ... +200 °C (-22 °F ... +392 °F)
 Rotational speed: n = max. 200 min⁻¹
 Axial movement: max. 0.3 mm

(*) 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.

ADVANTAGE

- Cartridge unit
- Double seal with integrated bearing
- Unbalanced
- Independent of direction of rotation

SEAL FACE MATERIALS.

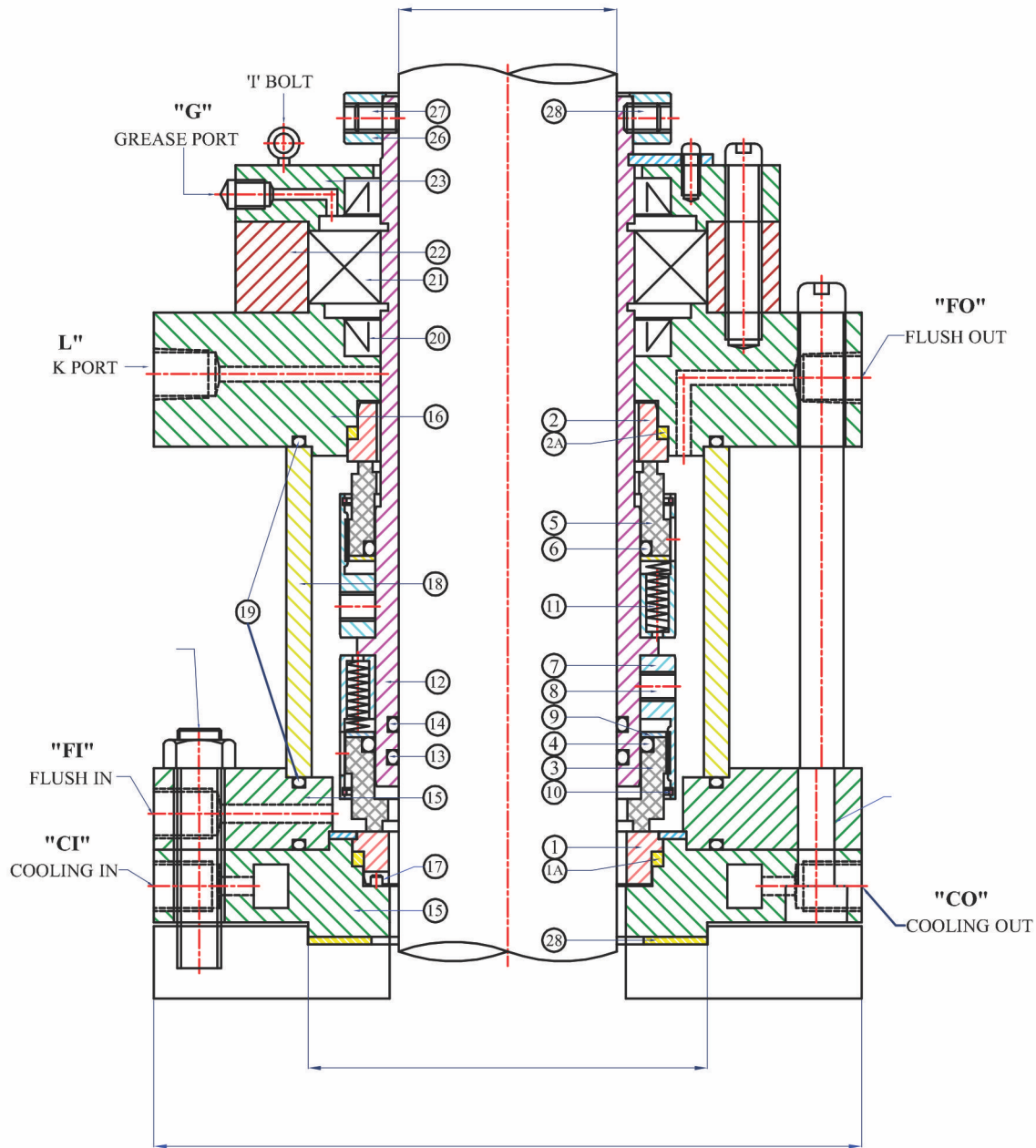
- Antimony impregnated carbon graphite
- Resin impregnated carbon graphite
- Sintered silicon carbide
- Reaction bonded silicon carbide
- Tungsten carbide

FEATURES

- Cartridge unit
- Double seal with integrated bearing
- Balanced
- Independent of direction of rotation

DESCRIPTION

Special double cartridge for reactors and agitators. The internal structure "Back to Back" is continuously lubricated by a liquid barrier, which must be pressurized between 1.5 and 2 kg / cm² above the working fluid.



DIMENSIONS IN INCHES

Shaft												
d ₁	d ₂ mm	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	190	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.