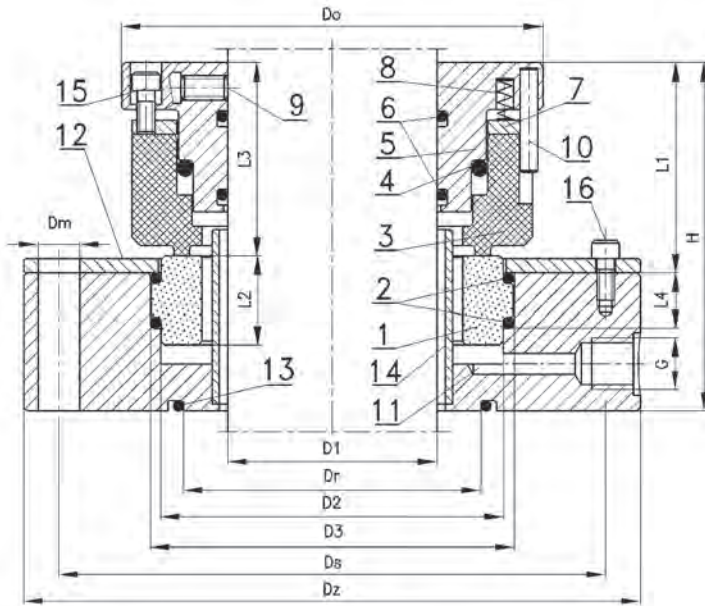


- Single mixer mechanical seal for dry running conditions
- Balanced
- Outside mounted
- Multi-spring
- Dual directional

Operating limits*		
Pressure	p_{max}	0,6 MPa
Temperature	t_{max}	180 °C
Speed	v_{max}	2,5 m/s

* - see note on page 3.



Legend

- | | |
|--------------------|---------------|
| 1. Stationary ring | 9. Set screw |
| 2. O-ring | 10. Pin |
| 3. Rotating ring | 11. Cover |
| 4. O-ring | 12. Cover |
| 5. Seal housing | 13. O-ring |
| 6. O-ring | 14. Sleeve |
| 7. Retaining ring | 15. Set screw |
| 8. Spring | 16. Screw |

Materials

Part	Code
Rotating ring	A,B
Stationary ring	Q
Secondary, flexible seals	E, P, V, K
Spring	M
Other metal parts	G, M

Application

Type MS mechanical seal has a rotating ring made of special resin impregnated carbon graphite and special design which improve heat dissipation and other working conditions in case of dry running. Auxiliary installations are not necessary. It is designed for mixers, agitators and other equipment with rotating shafts used mainly in chemical, food processing, pharmaceutical and pulp & paper industries, for use with non-aggressive and non-hazardous media. A special dampening device is available to eliminate dry run screech. It can be made of materials that are approved for use in the pharmaceutical and food industries.

Dimensions (mm)

D1	D2	D3	Dr	Ds	Dz	Dm x n	Do	L1	L2	L3	L4	H	G
40	80	86	70	136	160	14 x 4	102	60,4	25,4	55,6	16-0.1	100	G 3/8
50	90	96	80	147	171	14 x 4	112	60,4	25,4	55,6	16-0.1	100	G 3/8
60	99	105	90	157	181	14 x 4	121	60,4	25,4	55,6	16-0.1	100	G 3/8
70	109	115	100	167	190	14 x 4	132	60,4	25,4	55,6	16-0.1	100	G 3/8
80	118	124	110	176	200	14 x 6	140	60,4	25,4	55,6	16-0.1	100	G 3/8
90	128	134	120	187	211	14 x 6	152	60,4	25,4	55,6	16-0.1	100	G 3/8
100	140	146	130	198	222	14 x 6	162	60,4	25,4	55,6	16-0.1	100	G 3/8
110	152,4	158,4	140	210	235	14 x 6	177	60,4	25,4	55,6	16-0.1	100	G 3/8

Other dimensions are available as an option. Please contact ANGA.