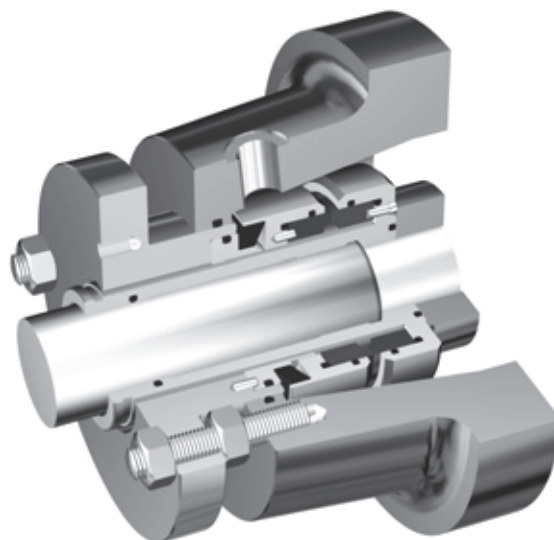
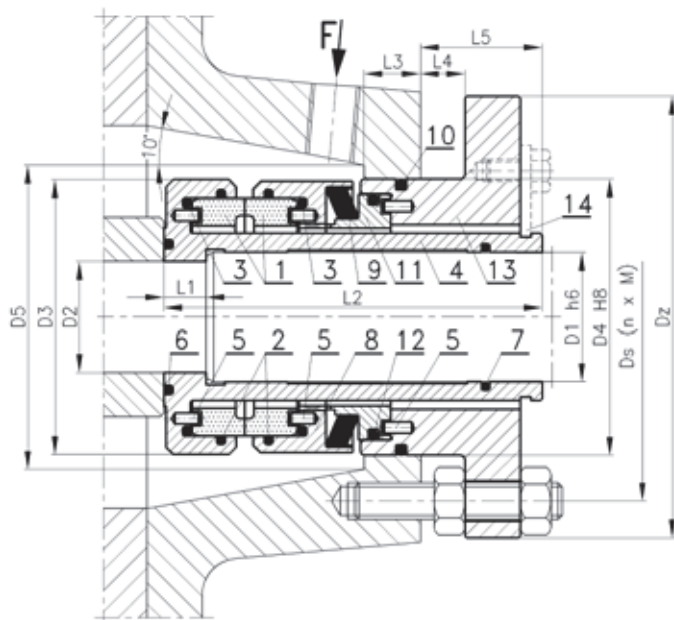


- Single
- Balanced
- Dual directional seal
- Without springs

Operating limits		
Pressure	$p_{\max}$	1.0 MPa
Temperature	$t_{\max}$	80 °C *
Speed	$v_{\max}$	20 m/s

\* - see diagram „Thermal resistance of elastomers“.



## Legend

- |                 |                     |
|-----------------|---------------------|
| 1. Sliding ring | 8. Permanent socket |
| 2. O-ring       | 9. Sealing ring     |
| 3. O-ring       | 10. O-ring          |
| 4. Sleeve       | 11. Sleeve          |
| 5. Straight pin | 12. O-ring          |
| 6. O-ring       | 13. Cover           |
| 7. O-ring       | 14. Locking plate   |

## Materials

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

## Application

UVP is a universal, mechanical seal of simple and compact design, easy in assembly and servicing, with the possibility of the sliding pair pressure control.

Intended to operation with thick liquids, containing abrasive particles (sludge, cement pulp, ash, whitewash) in power engineering (desulfurization of combustion gases), heat engineering (hydraulic transport of ashes), metallurgy (hydraulic transport of metal ores), in wastewater treatments (sludge and suspensions).

## Dimensions (mm)

D1	D2	D3	D4	D5	Ds	Dz	n x M	L1	L2	L3	L4	L5
35	30	74,6	75	83	100	120	2xM10	11	100	14	15	31
45	40	83,0	84	92	105	125	2xM10	35	119	20	20	39
58	50	97,0	100	108	125	150	2xM12	35	131	20	25	46
68	60	125,0	130	138	165	200	2xM16	35	155	25	30	58
78	70	125,0	130	138	165	200	2xM16	35	155	25	30	58
93	85	146,0	150	138	195	240	2xM20	35	166	25	32	62

Other dimensions are available in option. Please contact ANGA.