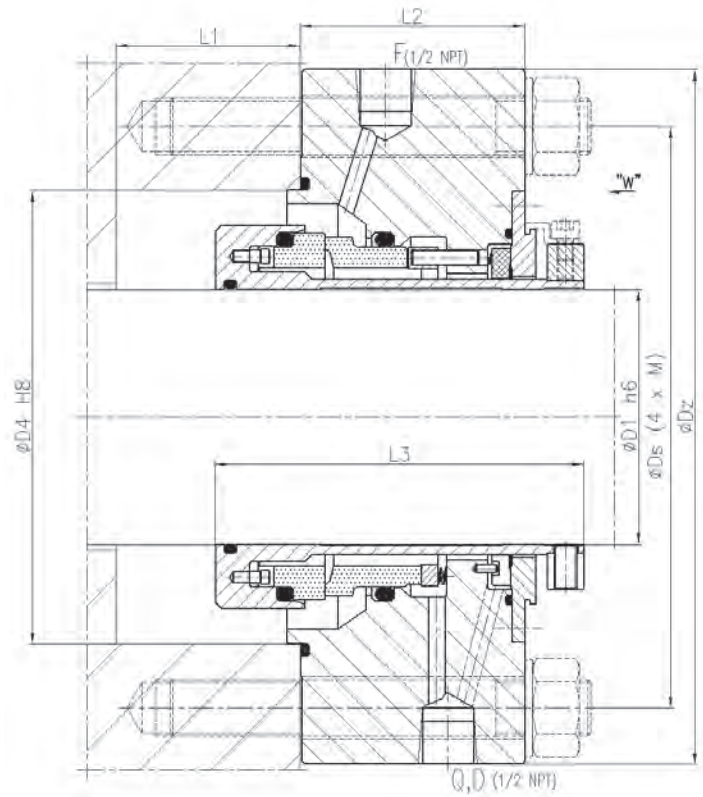
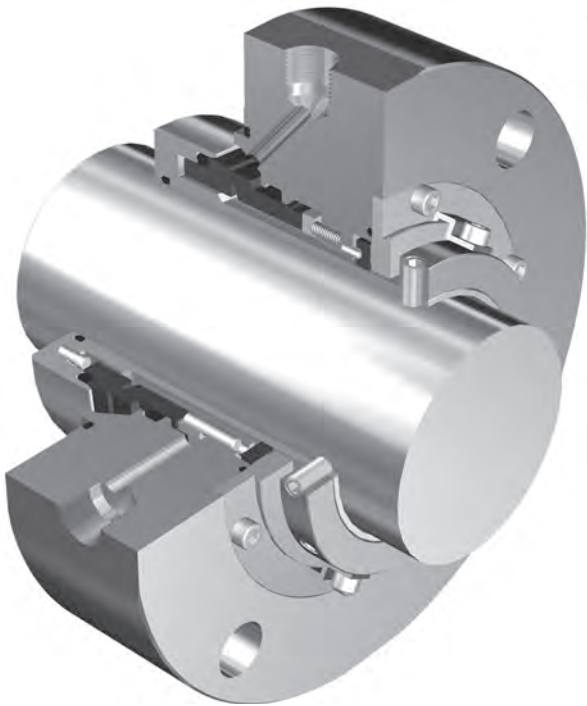
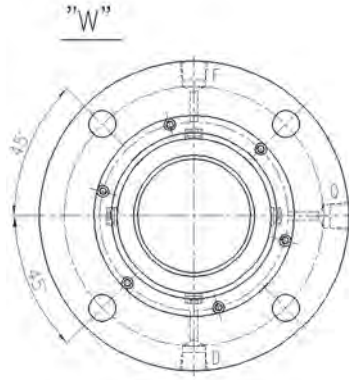


Operating limits*		
Pressure	p_{max}	4.2 MPa
Temperature	t_{max}	180 °C
Speed	v_{max}	20 m/s

* - see note on page 3.

- Single compact (cartridge) mechanical seal
- Multi-spring, balanced, dual-directional
- Design according to EN ISO 21049 (API 682): type A, category 2 or 3, arrangement 1, configuration 1CW-FL (with a floating carbon throttle bushing)



Dimensions (mm)

D1	D4	DS	DZ	L1	L2	L3	M
20	70	105	140	25	73	117	M12
30	80	115	150	25	73	117	M12
40	90	125	160	25	73	117	M12
50	100	140	180	25	73	117	M16
60	120	160	200	30	79	130	M16
70	130	170	210	30	79	130	M16
80	140	180	220	30	79	130	M16
90	160	205	245	30	79	130	M20
100	170	215	255	35	79	145	M20
110	180	225	265	35	79	145	M20

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

Application

BU is a single cartridge mechanical seal designed to work with media containing abrasive particles, especially with crude oil and impure hydrocarbons. BU seal requires an auxiliary system according to EN ISO 21049 (API 682), Plans: 11/61, 11/62, 12/61, 12/62, 13/61, 13/62.

Materials

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