



**type**

SINGLE  
MECHANICAL  
SEAL

**D8C**

Sealing assembly type "Cartridge"

**OPERATING PARAMETERS**

Pressure: P = 2,5 MPa  
Temperature: t = 180 °C  
Slide Speed: Vn = 20 m/s

**DESIGN'S CHARACTERISTICS**

1. Mechanical seal cartridge design which guarantees that different parts will not be wrong assembled, the spring not to be wrong pressed and the faces will be clear.

Easy for mounting and exploitation. Could be made single or double.

Their compactness allows to modify the packing type seals into mechanical seals.

2. Face materials:

- Graphite;
- Ceramic;
- Tungsten Carbide;
- Silicon Carbide;
- Special stainless steels.

3. Secondary seals materials:

- NBR – till T = 90 °C (gasoline, oil);
- EPDM – till T = 120 °C (water, steam);
- FPM – Viton – till T = 220 °C (oil, aggressive solutions);
- PTFE – Teflon – till T = 240°C (high aggressive solutions).

4. All metal parts are from special stainless steel.

## MAIN DIMENSIONS (mm)

d B	d 1 min	d 1 max	L 1	L 2	D 2 min	D 2 max	D 3	B max
30	48	56	29	42	79	97	111	12
35	51	58	29	42	79	99	111	12
40	56	60	29	44	86	114	127	12
45	61	69	29	44	96	127	139.7	12
48	64	72	29	44	96	127	139.7	12
50	66	75	29	44	105	140	153	12
55	71	80	32	44	115	149	165	16
58	74	80	32	44	115	149	165	16
60	76	85	32	48	115	149	165	16
65	89	95	32	48	127	160	177.8	16
70	92	98	32	48	127	160	177.8	16
75	98	106	34	48	143	180	190	16
80	102	110	34	48	143	180	190	16
85	108	117	36	48	156	119	204	20
90	114	126	36	48	172	195	215	20
95	117	129	36	48	172	195	215	20
100	124	138	38	48	189	208	228.6	20
105	130	148	38	48	189	208	228.6	20
110	137	158	40	48	198	220	241	20
115	143	167	42	48	211	230	254	22
120	145	167	44	48	211	230	254	22
125	85,4	89	76,5	42,0	14,0			

