



COMPONENTS

- 1 Rotating contact surface
- 2 Stationary contact surface
- 3 O-rings
- 3a O-rings
- 4 Springs
- 5 Metal frame
- 5a Set screws

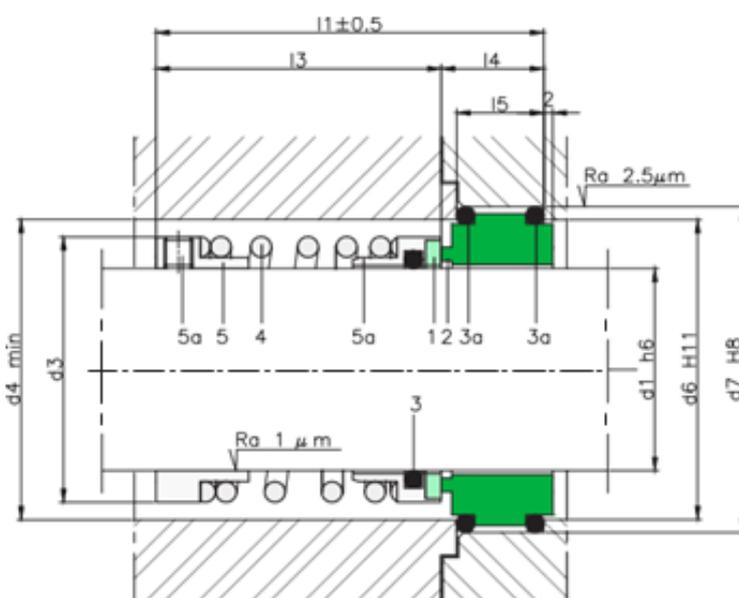
SECTOR

- Process industry
- Oil and gas industry
- Refining technology
- Petrochemical industry
- Chemical industry
- Power plant technology
- Pulp and paper industry
- Food and beverage industry
- Hot water applications
- Light hydrocarbons
- Boiler feed pumps
- Process pumps

DIMENSION CHART MM

Shaft mm	Rotary part			Stationary part				Total length I1
	d3	d4	I3	d6	d7	I4	I5	
20	34	36	46	36	42	23	18	69
22	36	38	46	38	44	23	18	69
25	39	41	47	41	47	23	18	70
30	44	46	49	46	52	23	20	72
33	47	49	52	49	55	23	18	75
38	54	58	57	58	64	25	20	82
43	59	63	57	63	69	25	20	82
48	64	68	64	68	74	25	20	89
53	69	73	69	73	79	25	20	94
58	76	83	71	83	89	28	20	99
63	81	88	74	88	94	28	22	102
68	86	93	78	93	99	30	22	106
75	95	104	84	104	110	30	24	114

Dimensions subject to changes or modifications.



E6S

OPERATING RANGE

$d_1 = 20 \div 100\text{mm}$, $p = 12 \text{ kg/cm}^2$, $v = 15\text{m/s}$, $t = -20 \div +200\text{oC}$ (*)

(*) 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.

DESCRIPTION

Single mechanical seal with an extremely versatile and functional design.

The fact that it is attached to the shaft with screws allows this seal to be installed in a large variety of applications with differing mounting dimensions.

Its structure allows secondary seals made of different materials to be used: FKM, Aflas®, FFKM, FEP, NBR, HNBR and materials complying with special standards such as FDA, USP, EC, etc.

SEAL FACE MATERIALS.

- Antimony impregnated carbon graphite
- Resin impregnated carbon graphite
- Sintered silicon carbide
- Reaction bonded silicon carbide
- Tungsten carbide
- Al-Oxide ceramic
- Glass filled PTFE

SECONDARY MATERIALS.

- fkf, fkm, ptf, gft, grafoil, nbr,
- nitile, epdm, karlez & as per customer req.

RAW MATERIALS.

- ss304, ss316, ss316l, titanium, hastalloy,
- duplex & as per customer req.