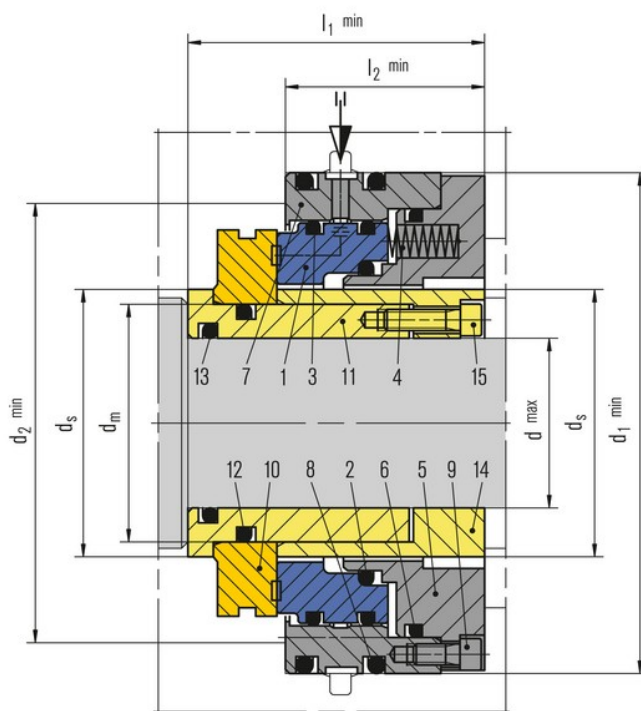


NF941

Features

- Single seal with double seal function
- Non-contacting from static to high speed condition
- Balanced
- Independent of direction of rotation
- Stationary multiple springs



Item Description

- 1 Seal face
- 2 O-Ring
- 3 O-Ring
- 4 Spring
- 5 Adapter
- 6 O-Ring
- 7 Housing
- 8 O-Ring
- 9 HSH cap screw
- 10 Seat
- 11 Shaft sleeve
- 12 O-Ring
- 13 O-Ring
- 14 Clamp sleeve
- 15 HSH cap screw

NF941 (2)

Recommended applications

- Process industry
- Single wafer cleaning systems
- Dry screw compressors
- Blowers
- Agitators

Operating range

Pressure: $p = 5 \text{ bar (73 PSI)}$
Temperature: $t = -20 \text{ °C ... +200 °C (-4 °F ... +392 °F)}$
Sliding velocity: $vg = 60 \text{ m/s (197 ft/s)}$

Materials

Seal face: High density carbon graphite
Seat: Ductile stainless steel with TiN-coating or Silicon carbide (Q1)
Secondary seals: FKM (V)
Metal parts: CrNiMo steel (G)

Dimensions

d max.	d _m	d _s	d ₁ min.	d ₂ min.	l ₁ min.	l ₂ min.
35	46	53	101	91.5	59	43
40	51	58	106	96.5	59	43
45	56	63	112	101.5	60	44
50	61	68	117	104	60	44
55	66	73	122	110	60	44
60	71	78	127	115	63	44
65	76	83	132	120	63	44
70	81	90	139	129	63	44
75	86	95	145	134.5	63	44
80	91	100	150	140	63	44
86	100	109	162	149.5	68	45
93	107	117	172.5	160	68	45
98	112	122	178	165.5	68	45
103	117	127	184	171.5	68	45
108	122	132	188	175	68	45
113	127	137	193	180	68	45
120	134	144	200	187.5	68	45
127	141	151	207	194	68	45
133	147	157	214	200.5	68	45
137	151.5	163.5	228	211.5	74	48
143	157.5	169.5	234	217.5	74	48
156	170.5	182.5	248	231.5	74	48
169	183.5	195.5	261	244.5	74	48
181	195.5	207.5	274	257.5	74	48
200	214.5	226.5	293	275.5	74	48

Dimensions in millimeter