

Description

Independent of direction of rotation
 Metric and inch sizes available Single
 cartridge seal
 Unbalanced

Technical Features

Comes with flush connection acc. to API
 682, Plan 1 for seal chamber cleaning and
 cooling Economical cartridgesolution
 Fits into any installation space due to
 smallest outer diameter
 No modifications of the pump's
 installation chamber necessary
 Straightforward and easy installation

Typical Industrial Applications

Water and waste water technology Sewage
 water
 Cold and hot water
 Cooling fluids
 Beverages
 Circulating pumps
 Water and waste water pumps

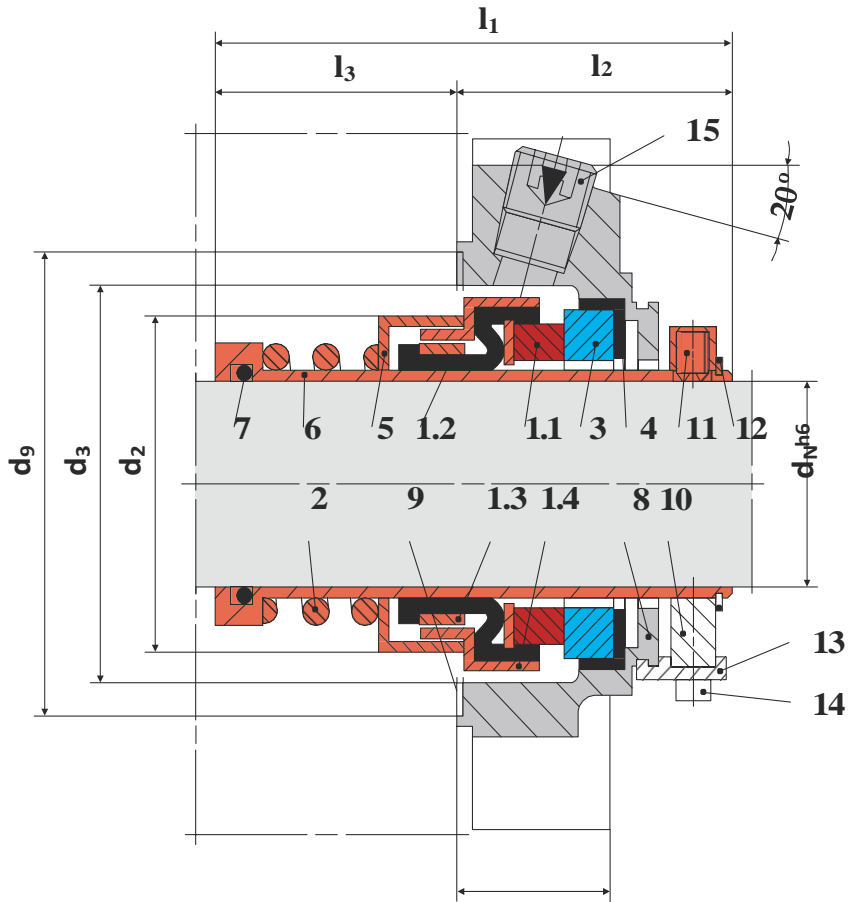
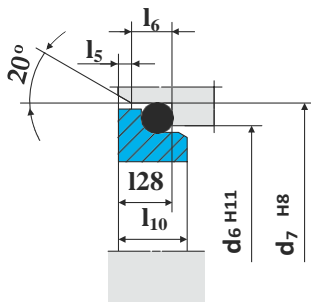
Materials

Seal face: Carbon graphite resin
 impregnated (B)
 Silicon carbide (Q1)
 Seat: Silicon carbide (Q1)
 Secondary seals: FKM (V), EPDM (E)
 Metal parts: CrNiMo steel (G), CrNiMo
 cast steel (G)

Performance Capabilities

Shaft diameter: $d_N = 25 \dots 75 \text{ mm}$ (1"
 $\dots 2.625$ ")
 Pressure: $p_1 = 12 \text{ bar}$ (174 PSI)
 Temperature: $t = -20 \text{ }^\circ\text{C} \dots 140 \text{ }^\circ\text{C}$ (-4^a F
 $\dots 284 \text{ }^\circ\text{F}$)
 Sliding velocity: $v_g = 10 \text{ m/s}$ (33 ft/s)
 Axial movement: $\pm 0.5 \text{ mm}$

Stationary Seats



Item	Description
1	Bellows unit
1.1	Seal face
1.2	Bellows
1.3	Drive collar
1.4	L-ring (spring collar)
2	Spring
3	Seat (G60)
4	O-Ring or corner sleeve
5	Spacer ring
6	Shaft sleeve

Item	Description
7	O-ring
8	Cover
9	Gasket
10	Drive collar
11	Set screw
12	Snap ring
13	Assembly fixture
14	Socket head screw
15	Screw plug