

V4110 Single Seals

Standard Mechanical Seals - Pusher Seals



Product Description

1. Single seal configuration
2. Unbalanced Design
3. Dependent of direction of rotation
4. For plain shafts
5. Torque transmission is through the conical spring

Technical Features

1. Low cost seal solution
2. No damage to the shaft
3. Short installation length available on request
4. Can be employed for low solids content

Typical Industrial Applications

Chemical industry
 Food and beverage industry
 Process industry
 Water and waste water technology
 Chemical standard pumps
 Eccentric screw pumps
 Submersible pumps

Materials

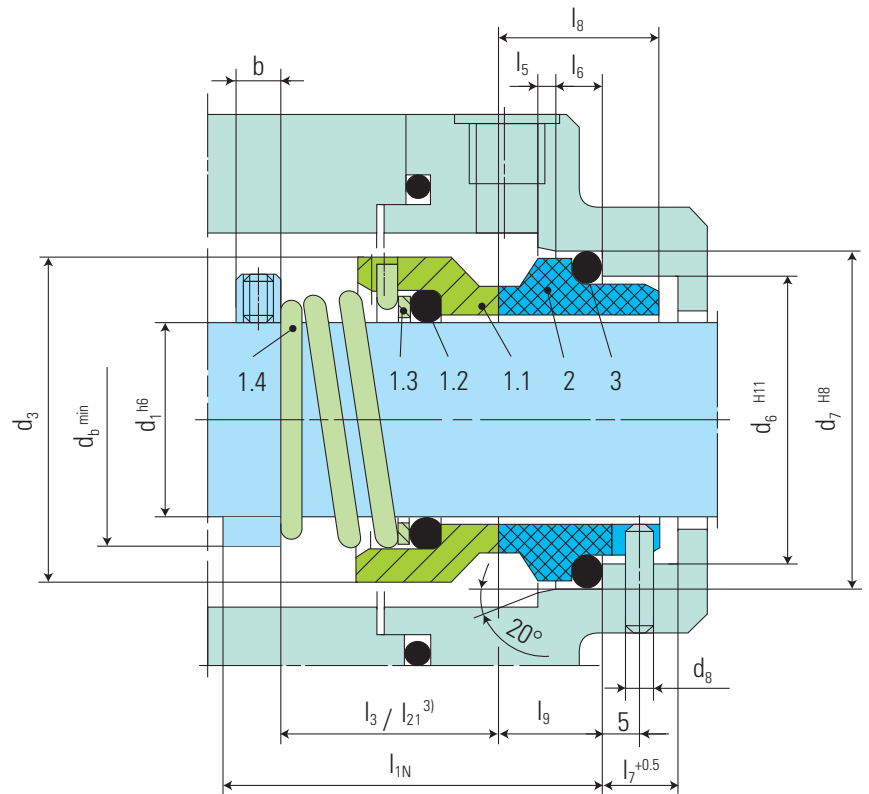
Seal face: Special cast CrMo steel (S)
 Seat G9: Carbon graphite antimony impregnated (A),
 Carbon graphite resin impregnated (B)

Performance Capabilities

Sizes: d_1 = Upto 80 mm (Upto 3.15")
 Pressure: p_1 = 10 bar (145 PSI)
 Temperature: t = -20 °C ...+140 °C
 (- 4 °F ...+284 °F)
 Speed: = 15 m/s (50 ft/s)
 Permissible axial movement: \pm 1.0 mm

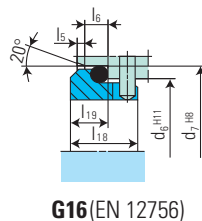
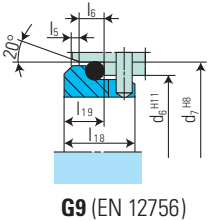
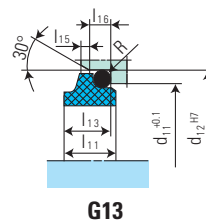
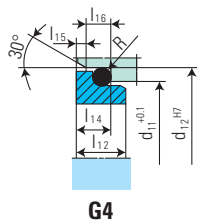
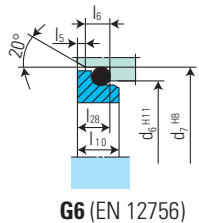
Standards

EN 12756



Note: The item numbers as depicted above are based on our technical experience and knowledge and are placed in the chronological order of their assembly procedure.

Stationary Seats



Item	Part no.	Description
1.1	472	Seal face
1.2	412.1	O-ring
1.3	474	Thrust ring
1.4	478	Right hand spring
1.4	479	Left hand spring
2	475	Seat (G9)
3	412.2	O-ring
DIN 24250		

