SHARK MIX-DB-B

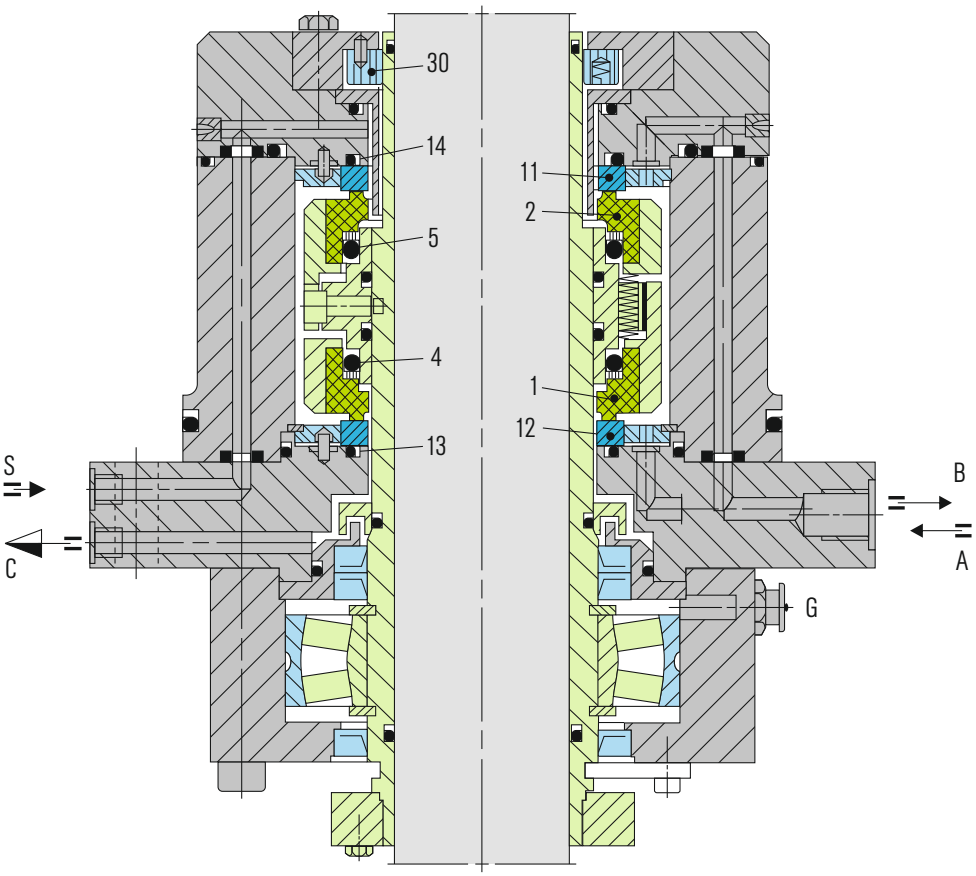
Agitator Seals · Bottom Entry

Product Description

1. Balanced
2. Cartridge unit
3. Double seal
4. For bottom drive entries
5. Independent of direction of rotation
6. Liquid-lubricated
7. Multiple springs rotating
8. On request with integrated bearing

Technical Features

1. Connection dimensions to customer's requirements
2. Due to the hydraulic conditions, product pressure as well overlaying barrier pressure closes the seal
3. Floating throttle ring on the product side
4. High pressure seal for process orientated solutions
5. High reliability and long service life
6. Ready-to-fit and factory-tested units



Typical Industrial Applications

Chemical industry
Suitable for all media
Agitators

Performance Capabilities

Shaft diameter: D = up to 15.75"
Pressure: p1 = vacuum to 870 PSIG
Temperature: t = -40 °F to +392 °F
Sliding velocity: vg = 0 to 16 ft/s
For other operating conditions, please contact us

Materials

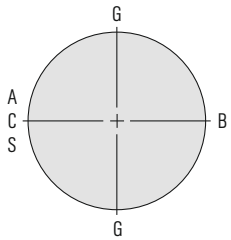
According to application and customer's specification

Notes

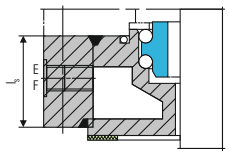
Options:
Cooling or heating flange
Leakage drain, flush or heating flange
Leakage drain or flush

Item	Description
1	Rotating Seal Face Inboard
2	Rotating Seal Face OB
4, 5, 13, 14	O-Rings
11	Stationary Face Inboard
12	Stationary Face Outboard
30	Throttle bushing

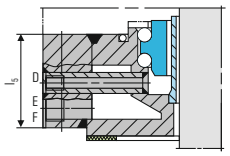
Installation, Details, Options



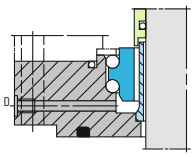
Supply connections
A Barrier fluid IN
B Barrier fluid OUT
C Drainage
G Grease
S Flush



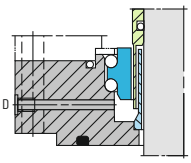
Option
Cooling flange, can be used alternatively as a heating flange tmax. = 662 °F



Option
Leakage drain, can be used alternatively as a flush or as a heating flange.



Option
Leakage drain, can be used alternatively as a flush.



Option
Polymerization barrier, can be used alternatively as a leakage drain or a flush.

SHARK SEALS