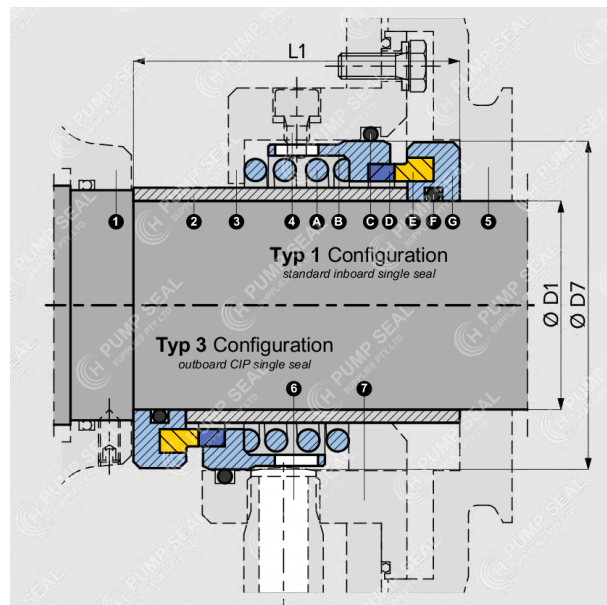


HFR-S

'FRYMA MILL - SINGLE SEALS'

SPECIFICATION SHEET



- Suits Fryma Mills
- Single-acting Mechanical Seal

HFR-S replaces the single-acting mechanical seal fitted to FrymaKoruma mills, commonly used in the food & pharmaceutical industries. Two configurations are possible using the same components.

Parts 1-7 are excluded from consideration for the single mechanical seal

► Typ 1 - Configuration

Is the standard configuration whereby the seal is fitted in the inboard direction, enclosed in a housing. Seal materials are suitable for dry running.

Max. operating pressure: 1 bar¹

► Typ 3 - Configuration

The same components are fitted in the outboard direction enclosed in a different housing, allowing for Clean-In-Place (CIP), flushing the seal of solids-forming debris between uses.

Max. operating pressure: 3 bar¹

► Material Options

Rotary Face: CAB, SiC or TC
 Stationary Face: SiC or TC
 Elastomer: N, V or EP
 Metal Parts: 316S.S.

PARTS

- 1 Motor Centrifugal Disk
- 2 Spacer Sleeve
- 3 Pump Housing
- 4 Anti-Rotation Pin
- 5 Centrifugal Disk
- 6 CIP Inlet 3/8" ISO 7-1
- 7 Pump Housing with CIP

- A Stationary Spring
- B Stationary Housing
- C Stationary O-ring
- D Stationary Face / Ring
- E Rotary Face / Ring
- F Rotary O-ring
- G Rotary Housing

PUMP COMPATIBILITY

Different seal sizes available to suit a wide range of older Fryma and new FrymaKoruma Mills, including:

Perforated Disc Mill (ML)
 ML 150, ML 180, ML 250, ML 330

Toothed Colloid Mill (MZ)
 MZ 80, MZ 100, MZ 110, MZ 130, MZ 150, MZ 190, MZ 250

Corundum Stone Mill (MK)
 MK 60, MK 95, MK 160, MK 180, MK 250, MK 300, MK 320

To assist with identification, please contact us with the Fryma Model (i.e. MZ 190), dimension ØD1 as well as the pumped product to determine suitable seal materials.

¹ Guide-values only (due to diversity of possible applications). Enquire for specific-use cases. Maximum values of each parameter cannot be applied together.