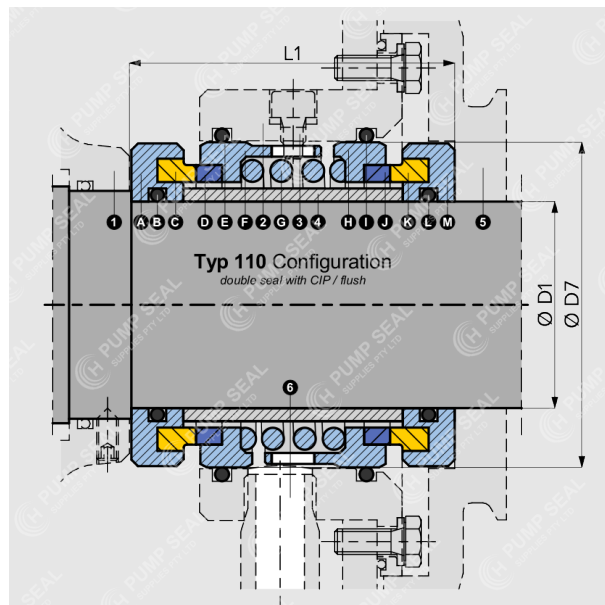
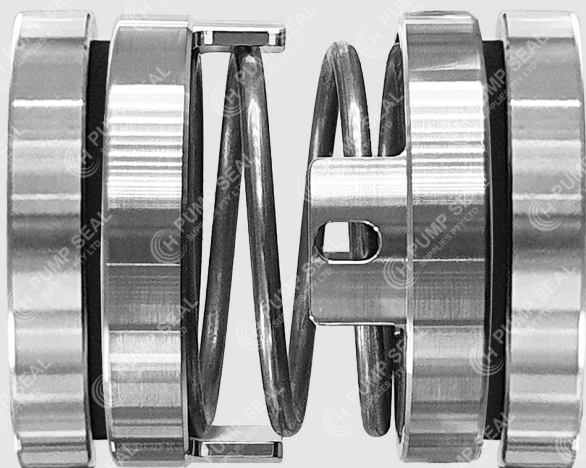


HFR-D

'FRYMA MILL - DOUBLE SEALS'
SPECIFICATION SHEET

- Suits Fryma Mills
- Double-acting Mechanical Seal
- Typ 110 - Configuration

HFR-D replaces the double-acting mechanical seal fitted to FrymaKoruma mills, commonly used in the food & pharmaceutical industries.

HFR-D is a combination of two HFR-S single mechanical seals, enclosed in a housing, in which a non-aggressive pressurised barrier fluid circulates inside.

Parts 1-6 are excluded from consideration for the double mechanical seal

Max. operating pressure: 3 bar¹

Max. barrier fluid pressure: 4 bar¹

► Material Options

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

PARTS

- | | |
|---|-------------------------|
| 1 | Motor Centrifugal Disk |
| 2 | Pump Housing |
| 3 | Anti-Rotation Pin |
| 4 | Spacer Sleeve |
| 5 | Centrifugal Disk |
| 6 | CIP Inlet 3/8" ISO 7-1 |
| | |
| A | Outb. Rotary Holder |
| B | Outb. Rotary O-ring |
| C | Outb. Rotary Face |
| D | Outb. Stationary Face |
| E | Outb. Stationary O-ring |
| F | Outb. Stationary Holder |
| G | Spring |
| H | Inb. Stationary Holder |
| I | Inb. Stationary O-ring |
| J | Inb. Stationary Face |
| K | Inb. Rotary Face |
| L | Inb. Rotary O-ring |
| M | Inb. Rotary Holder |

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.