EagleBurgmann. **Rely on excellence**

EH700

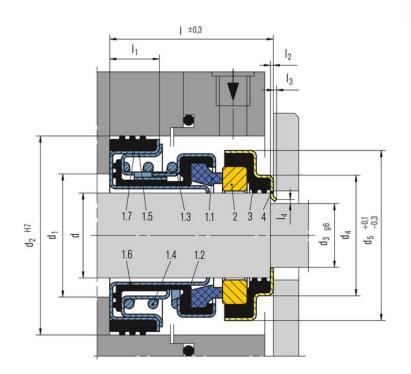
Features

- Single seal
- Stationary spring-loaded unit enables operation in high-range loads area
- Balanced
- In-house manufactured carbon seal faces

Advantages

The seal for stationary applications. The EH700 is based on a unique stationary spring loaded unit that enables the seal to operate under high speed and high pressure. An additional advantage of the seal is the balanced design, which ensures good sealing performance in high-load conditions.





Item Description

- 1.1 Seal face
- 1.2 Bellows
- 1.3 Spring collar
- 1.4 Spring
- 1.5 Spring holder
- 1.6 Cartridge
- 1.7 Seat ring
- 2 Seat
 - Corner sleeve
- 3 4 Case

EagleBurgmann Japan Co., Ltd. 1-12-15, Shiba-Daimon, Minato-Ku Tokyo, 105-8587 Japan

Tel.: +81 (0)33432 4771 Fax: +81 (0)33438 2370 info@jp.eagleburgmann.com www.eagleburgmann.jp

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All technical specifications are based on extensive tests and our many years of experience. The diversity of possible applications means, however, that they can serve only as guide values. We must be notified of the exact conditions of application before we can provide any guarantee for a specific case. Subject to change.



Recommended applications

- Water and waste water technology
- Food and beverage industry
- Water and waste water
- Glycols

Operating range

Shaft diameter: d1 = 15 ... 35 mm Pressure: p1 = 15 bar (218 PSI), vacuum up to 0.1 bar Temperature: t = -20 °C ... +100 °C (-4 °F ... +212 °F) Sliding velocity: vg = 10 m/s (33 ft/s) Axial movement: \pm 1.0 mm

- Industrial pumps
- Engine pumps
- Skyscraper water supply pumps

Materials

Seal face: Carbon graphite resin impregnated (B) Seat: Aluminium oxide (V, V1), Silicon carbide (Q1, Q2) Secondary seals: NBR (P), FKM (V) Metal parts: CrNi steel (F)

Dim	Dimensions												
	d	d ₁	d2	d3	d4	d5	I	11	l ₂	l ₃	I4	I5	
1	5	22	41	12	22	34	29.5	9.5	0.6	-	-	-	
2	0	30	45	12	27.2	45	31	11	0.6	2	1	3.4	
2	5	35	52	22	33.6	52	37	11.5	0.8	2.5	1	4.2	
3	5	45	66	32	43.6	66	41.6	12.5	0.8	4	1	5.2	

Dimensions in Millimeter

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