

HFTK

'FTK' SPECIFICATION SHEET



► Stationary-Based Design ► Suits Automotive Pumps

HFTK is a stationary-based seal with the spring located in the stationary.

A rubber cup is fitted over the metal head allowing for a simpler push-fitting. It is commonly used in older automotive car cooling pumps.

► Operating conditions¹

Temperature: -30°C to +150°C
 Pressure: < 3 bar, 43 psi, 0.3 MPa
 Speed: < 4.5m/s, 880 fpm
 rpm < 270000/(3.14 x D1)

► Materials

Standard: CAB/CER/N

PARTS

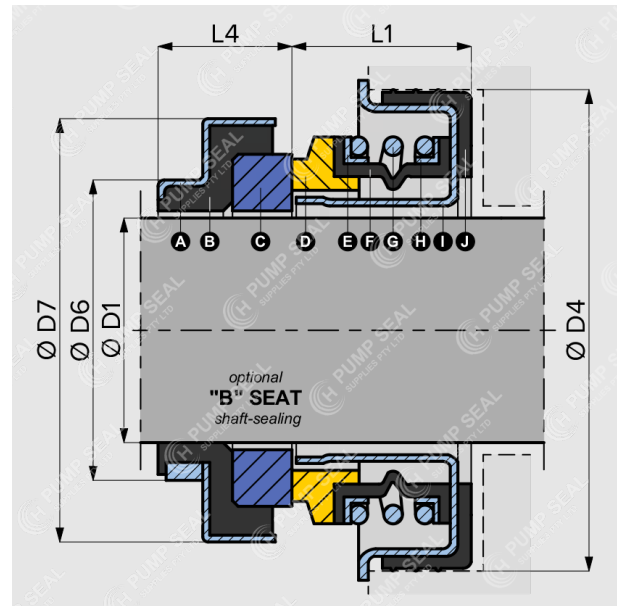
- A** Rotary Holder
- B** Rotary Rubber Insert
- C** Rotary Face / Ring
- D** Stationary Face / Ring
- E** Stationary Ferrule
- F** Stationary Spring
- G** Stationary Bellows
- H** Stationary Ferrule
- I** Stationary Metal Head
- J** Stationary Cup

SEAT OPTIONS

- "A" non- shaft sealing
- "B" shaft-sealing

EQUIVALENT

FTK



DIMENSIONS

D1 = Shaft Size
D7 = Rotary OD

D3 = Cavity Bore
L4 = Rotary Height

D6 = Rotary Step
L1 = Stationary W.L.

D1	Ver.	D4	L2	L1	D6	D7	L4
16mm	A	41.0	9.5	16.5	23.0	33.0	10.0
20mm	A	45.0	11.0	19.0	27.0	38.0	10.0
25mm	B	52.0	11.5	21.5	30.5	47.0	13.0
40mm	S	75.0	15.6	27.6	50.5	65.0	21.0
45mm	S	80.0	16.0	32.0	55.5	73.8	21.0

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