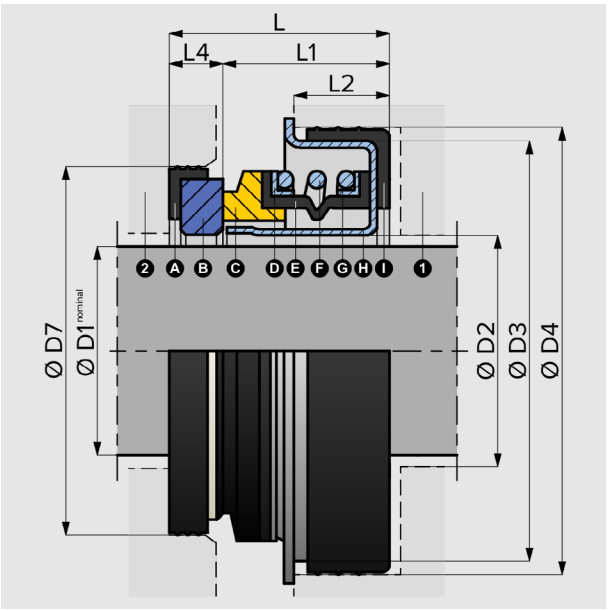
H68C

'TYPE 6A - CUP'
SPECIFICATION SHEET





- **Stationary-Based Design**
- **Metric & Imperial Sizes**
- **Push-Fitted Into Housing**
- **Non-Shaft Sealing**
- **Suits Automotive Pumps**

H68C is a stationary-based seal with the spring located in the stationary. An additional rubber cup is fitted over the H68 base, allowing for a simpler push-fitting, eliminating the need for any special tools.

Available in two standards. Metric dimensions based on Japanese Automotive industry standard "EH790-TF" design. Imperial dimensions based on industry standard "Type 6A Cup".

Operating conditions[1]

Temperature:	-40°C to +150°C
Pressure:	< 4 bar, 60 psi, 0.4 MPa
Speed:	< 12m/s, 2400 fpm
	rpm < 720000/(3.14 x D1 mm)
	rpm < 720000/(79.8 x D1 inch)

Materials

Standard:	CAB/CER/N
Optional:	CAB/CER/V
Hard Faces:	SiC/SiC/V

PARTS

1 Pump Housing
2 Impeller

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

EQUIVALENT

EH790-TF
EH791-TF

DIMENSIONS

D1 = Nominal Shaft Size
D7 = Rotary Bore
Ver. = Version
L1 = Stationary W.L.
D4 = Cavity Bore
L = Overall W.L.

H68C - Metric Standard

D1	Ver.	D4	D3	L2	L1	D7	L4
12mm	**A**	**32.0**	28.5	8.5	14.2	25.0	5.0
16mm	**A**	**41.0**	36.5	9.5	16.8	31.0	5.0
20mm	**A**	**45.0**	40.0	11.0	17.5	35.0	5.0
25mm	**B**	**52.0**	47.0	11.5	20.0	44.0	7.0
30mm	**A**	**58.0**	52.0	12.5	21.3	48.0	8.0

H68C - Imperial Standard

D1	Ver.	D4	D3	L2	L1	D7	L4
0.500"	**A**	**32.0**	28.5	8.5	14.2	25.4	6.3
0.625"	**A**	**41.0**	36.5	9.5	16.8	31.8	10.3
0.750"	**A**	**45.0**	40.0	11.0	17.5	34.9	10.3
1.000"	**B**	**52.0**	47.0	11.5	20.0	41.3	11.0

H68C - Alternative Sizes

D1	Ver.	D4	D3	L2	L1	D7	L4
0.625"	**A**	**41.0**	36.5	9.5	16.8	35.0	9.0
0.625"	**A**	**41.0**	36.5	9.5	16.8	31.8	9.0
25mm	**B**	**52.0**	47.0	11.5	20.0	Special FTK	
40mm	**S**	**75.0**	69.0	15.6	27.6	Special FTK	

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

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