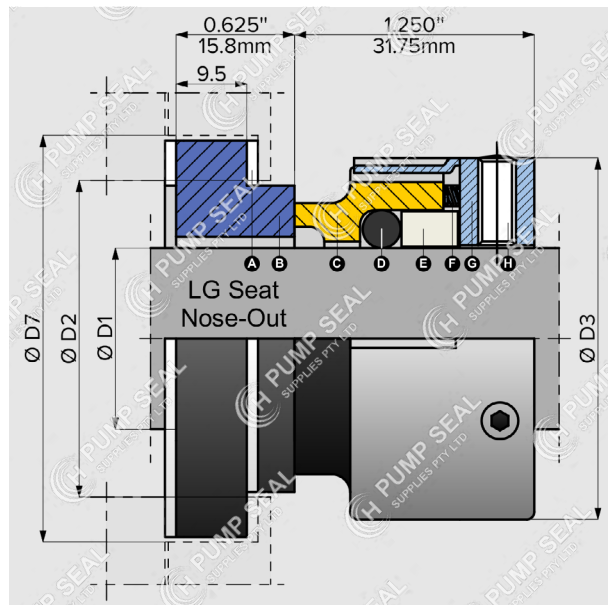


H740

'EXTERNALLY MOUNTED SEALS' SPECIFICATION SHEET



- ▶ Externally Mounted
- ▶ Non-Metallic
- ▶ Multi-Spring Arrangement
- ▶ Balanced

H740 is an externally mounted multi-spring seal. It is designed for use in aggressive chemical applications, such that no process fluid is in contact with metal parts.

The rotary is designed with set screws, rather than clamped. It can be run against different pump-specific seats, but as standard can replace the Chesterton "L-shape" seats. It is lapped on both sides and can be mounted either "Nose-In" or "Nose-Out" for use with Chesterton 478 gland plates.

▶ **Operating conditions**

Temperature: -40°C to +205°C
 Pressure: up to 10 bar, 150 psi
 Speed: up to 12m/s, 2400 fpm

▶ **Material Options**

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

▶ **Installation Instructions**

Setting clips are provided to set the correct compression length prior to tightening of the set screws. Remove setting clips once set screws tighten the rotary onto the shaft

IMPERIAL STANDARD DIMENSIONS

D1	D1	D3	D7	D7 (BORE)		D2 (BORE)	
1.000"	25mm	48.5	53.09	53.98	2.125"	41.40	1.625"
1.125"	28mm	52.0	56.39	57.15	2.250"	44.45	1.750"
1.250"	30mm, 32mm	55.0	59.44	60.33	2.375"	49.28	1-15/16"
1.375"	33mm*, 35mm	58.0	61.21	61.97	2-7/16"	51.19	2-1/64"
1.500"	38mm	61.0	69.09	69.85	2.750"	58.17	2-19/64"
1.625"	40mm	64.0	72.14	73.03	2.875"	62.23	2-29/64"
1.750"	43mm, 45mm	67.5	78.49	79.38	3.125"	65.28	2-9/16"
1.875"	48mm	70.5	81.79	82.55	3.250"	70.36	2-49/64"
2.000"	50mm*	74.0	88.14	88.90	3.500"	73.15	2.875"
2.125"	53mm*	77.0	94.49	95.25	3.750"	75.18	2-61/64"

*note, alteration required to achieve standard equivalent Chesterton "L" seat.

PARTS

- A PTFE Gasket
- B LG Seat
- C Rotary Face
- D O-ring
- E PTFE Spacer
- F Multi-spring
- G Drive Collar
- H Set Screw

STANDARD SEAT

Chesterton "L" Seat
 LG Seat