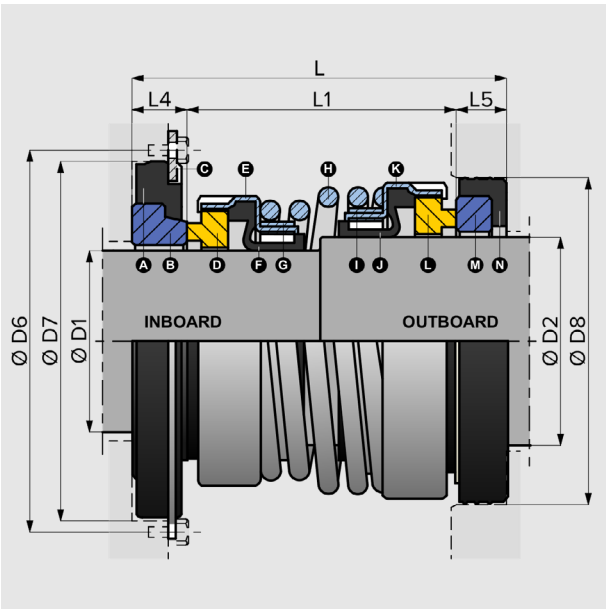
H560DS

'TYPE 560DS - STEPPED SHAFT'
SPECIFICATION SHEET





- **Diaphragm w/ Drive Band**
- **Double Seal, Stepped Shaft**
- **To Japanese Specifications**

H560DS is a double mechanical seal in a back-to back arrangement to suit stepped shafts. It is widely used to seal the oil chamber in submersible pumps of Japanese origin.

The rotary retainer is crimped to prevent movement of the face and rubber diaphragm.

The inboard stationary is vulcanised (bonded) by the elastomer and held in place by a retainer plate (optional).

- **Operating conditions[1]**

Temperature:	-30°C to +200°C
Pressure:	< 10 bar, 145 psi, 1 MPa
Speed:	< 13m/s, 2500 fpm
	rpm < 780000/(3.14 x D1)

- **Material Options**

Inboard:	SiC/SiC
Outboard:	SiC/SiC
Elastomer:	N or V
Metal Parts:	304S.S.

PARTS

A Inb. Vulcanised Cup
B Inb. Stationary Face
C Retaining Plate *(optional)*
D Inb. Rotary Face
E Inb. Rotary Retainer
F Inb. Rotary Diaphragm
G Inb. Rotary Drive Collar
H Spring
I Outb. Rotary Drive Collar
J Outb. Rotary Diaphragm
K Outb. Rotary Retainer
L Outb. Rotary Face
M Outb. Stationary Face
N Outb. Stationary Cup

EQUIVALENT

VGM562
PSBV / PSVV
S560T

DIMENSIONS

D1 = Shaft Size D7 = Inb. Seat D8 = Outb. Seat L = Overall W.L.

- **H560D - Standard**

VM - Inboard Seat (Vulcanised), **JCD** - Outboard Seat (Cup)

D1/D2	L	D7	D8
25/30mm	60.0	50.0	50.0
		50.0	44.0
		44.0	44.0
30/35mm	60.0	57.0	58.0
35/40mm	65.0	64.0	64.0
45/50mm	75.0	70.0	72.0

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

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