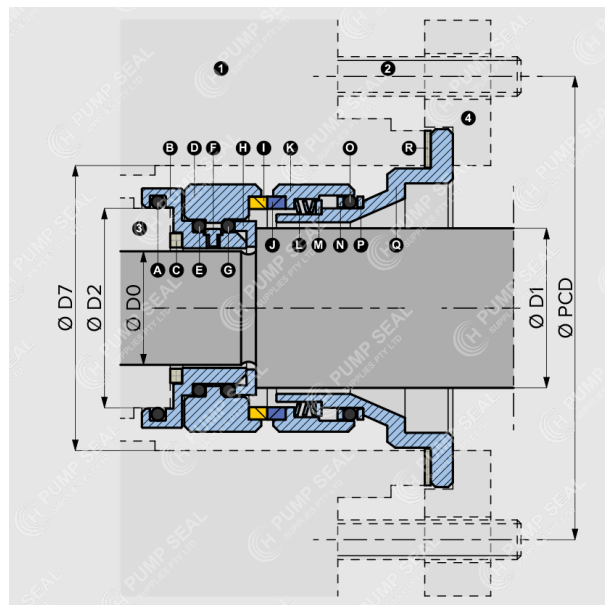


HLP-S32

'AHLSTAR™ - SINGLE SEAL'

SPECIFICATION SHEET



- **LP-S-S32-E10 Replacement**
- **Single Seal, Balanced**
- **Semi-Cartridge Design**
- **Suits Sulzer AHLSTAR™ Pumps**
- **For Gland Packing Chambers**

HLP-S32 is a single mech. seal in a semi-cartridge, stationary-based, wave-spring design. It is a direct replacement for pumps fitted with E.Burg. LP-S-S32-E10 seals. Seal faces are lubricated by the pumped product.

It is suitable for Sulzer AHLSTAR™ APP and APT pumps fitted with the standard gland packing casing covers / seal chambers.

Bolting plate not included.

► **Operating conditions¹**

Temperature: -20°C to +140°C
 Pressure: < 25 bar, 360 psi, 2.5 MPa
 Speed: < 20m/s, 4000 fpm
 rpm < 1200000/(3.14 x D1)

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

► **Materials**

Rotary Face:	(SiC)
Stationary Face:	(SiC)
Elastomers:	Viton®
Metal Parts:	316S.S

(_) refers to shrink-fitted

PARTS

- 1 Gland Packing Chamber
- 2 Mounting Studs
- 3 Impeller
- 4 Bolting Plate

- A Spacer Sleeve O-ring
- B Spacer Sleeve
- C Spacer Sleeve PTFE
- D Rotary Holder
- E Spacer Sleeve O-ring
- F Spacer Sleeve Pin
- G Rotary Holder O-ring
- H Rotary Thrust Ring
- I Rotary Face / Ring
- J Stationary Face / Ring
- K Stationary Holder
- L Wave-Spring
- M Washer
- N Washer
- O Seal Holder O-ring
- P Washer
- Q Seal Holder
- R PTFE Gasket

EQUIVALENT

LP-S-S32-E10

INSTALLATION & OPERATION

Operation:

The sliding faces get their lubrication from the pumped product. Do not run the seal dry.

Installation:

1. With the shaft removed, slide the rotary and spacer sleeve assembly (parts A - I) onto shaft shoulder.
2. Re-install the shaft and tighten with the impeller (3)
3. Slide the stationary assembly (parts J - R) along with the bolting plate (O) onto the mounting studs (2) on the rear of the standard gland packing chamber casing cover (1) and bolt.