

Item	Description	Material
1	Sleeve	316L SS
2	Circlip	302 SS
3	UDGS™ Spacer	316L SS
4	Gasket	GFT
5	UDGS™ End Plate	316L SS
6	O Ring	Viton® / EPR / Kalrez® / Aflas®
7	Gas Lift Stationary Face	Antimony Carbon
8	O Ring	Viton® / EPR / Kalrez® / Aflas®
9	UDGS™ Spring Plate	316L SS
10	Spring (not shown)	Alloy 276
11	UDGS™ Rotary Face Etching Details	Reaction Bonded SiC
12	O Ring	Viton® / EPR / Kalrez® / Aflas®
13	O Ring	Viton® / EPR / Kalrez® / Aflas®
14	O Ring	Viton® / EPR / Kalrez® / Aflas®
15	Spring	Alloy 276
16	O Ring	Viton® / EPR / Kalrez® / Aflas®
17	UDGS™ Clamp Ring	316L SS
18	M5 x 12 Socket Grub Screw (not shown)	A2
19	M4 x 8 Cap HD Screw (not shown)	A2
20	UDGS™ Setting Clip (not shown)	Phosphor Bronze
21	UDGS™ Gland	316L SS
22	Pressure Plug	316 SS



Pre-Installation Checks.

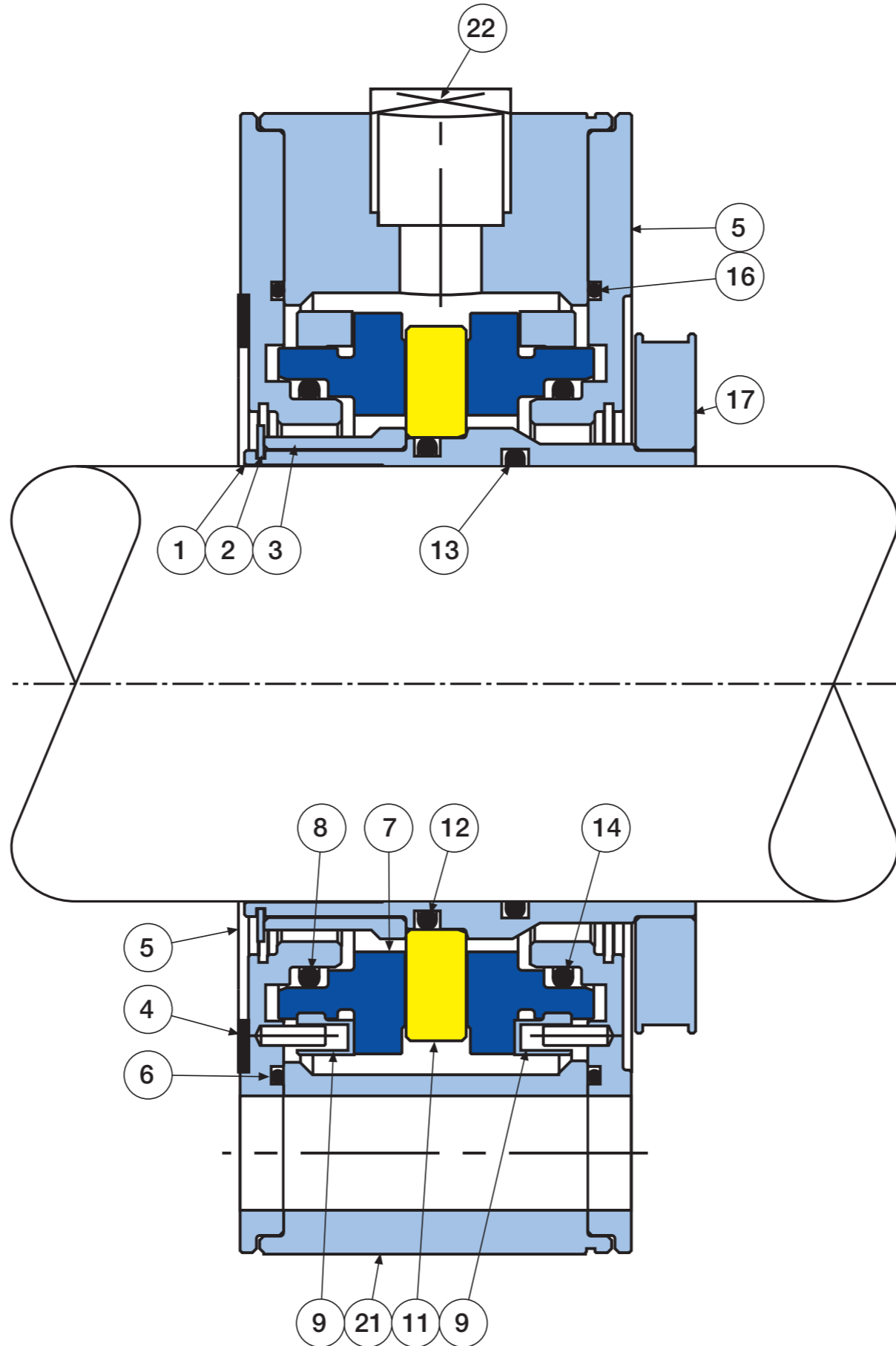
- (i) Shaft Outside Diameter (OD) is within tolerance $\pm 0.002"$ ($\pm 0.05\text{mm}$).
- (ii) Shaft run out $< 0.004"$ (0.1mm) T.I.R.
- (iii) Shaft end float $< 0.005"$ (0.13mm).
- (iv) Fluid seal can be obtained on the Stuffing Box face.
- (v) There are no sharp edges over which the seal 'O' Ring (13) must pass.

Installation instructions.

The following installation instructions may vary, depending on the equipment configuration. Therefore use them as a guideline only.

1. Lubricate the shaft with the grease provided.
2. Slide the seal onto the shaft.
3. Assemble rest of equipment in final running position.
4. Slide seal into position. Fit washers in all cases and tighten Gland Nuts down firmly.
5. Equally tighten the Drive Screws down onto the shaft.
6. Remove setting clips.
7. Spin the shaft by hand. Listen and feel for any shaft binding, etc.
8. Connect ports as required.
9. Retain clips and clip screws for future use.

NOTE: Ensure that the seal is firmly bolted to the Stuffing Box, with the shaft already in position, before removing the centering clips.



INSTALLATION INSTRUCTIONS

AESSEAL plc
 Mill Close, Bradmarsh Business Park
 Rotherham S60 1BZ
 ENGLAND
 email info@aes seal.co.uk
 tel +44 (0) 1709 369966
 fax +44 (0) 1709 720788
www.aes seal.com