



EXPERIENCE THE EXCEPTIONAL

AES-28™

API 682 Vessel Range



Features

- 316 SS vessel and weld pad construction
- 28 litre / 7.309 gal (US) vessel
- Designed and manufactured in accordance with ASME VIII Div 1 and PED 2014/68/EU
- Modular design

Benefits

- Robust vessel suitable for a range of challenging environments
- Large barrier fluid capacity for seal cooling
- Suitable for a wide range of arduous environments. Design rating of 45 bar @ 100°C / 652.7 psi @ 212°F
- A number of intrinsically safe and EEXD flame proof instrumentation options can be fitted



The AES-28™ systems are based around a 316 stainless steel, 28 litre / 7.39 US gallon vessel, which comprises a weld pad level gauge and an integral cooling coil as standard. This vessel has a design rating of 45 bar @ 100°C / 652.7 psi @ 212°F.

The AES-28™ vessels are designed and manufactured in accordance with ASME VIII Div.1, approved by notified bodies to cover PED 2014/68/EU and certified to GOST. The AES-28™ is available in a choice of three inventoried vessels. This range includes a screwed connection vessel, socket welded vessel and butt welded vessel. A variety of component options are available to adapt the vessel to specific pump applications. These options include electrical equipment, which are intrinsically safe or flame proof.



Standard Offering

Vessel:

Construction: 316 Stainless Steel
Design Rating: 45 bar @ 100°C / 652.7 psi @ 212°F
Capacity: 28 litres / 7.39 US gallons
Designed and manufactured to: ASME VIII Div.1, approved by notified bodies cover PED 2014/68/EU and certified to GOST.
Weld Pad: Construction 316 SS
Cooling Coil: Construction 316 SS
PED Compliance

Optional Extras:

Pressure Gauge Assembly (cw instrumented valve)
Pressure Switch: Intrinsically Safe or flame proof
Pressure Transmitter: Intrinsically Safe or flame proof
Level Transmitter: Intrinsically Safe or flame proof
High / Low Level Switch: Intrinsically Safe or flame proof
Vent / Drain / Fill Valve: Screwed, Socket Weld and Butt Weld Options

AESSEAL® CAPI™ 610 & 682 Single and Double range of mechanical seals suited to API 610 V8 & API 682

Please note that the AESSEAL® AES-15™ / AES-12™ Vessel can be used under API 682 if the pump's shaft diameter is below 2.4 inches / 60mm



AES-28™ Vessel Design Options



AES-28™ Vessel with Butt Welded Flanges

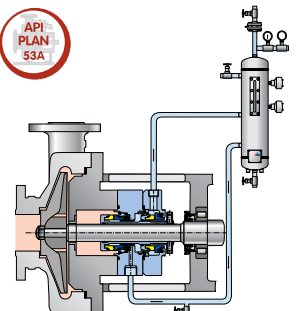
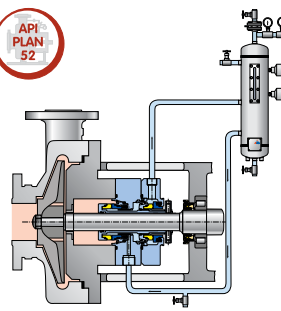


AES-28™ Vessel with Screwed Connections



AES-28™ Vessel with Socket Welded Flanges

Examples of API Piping Plans



For further information and safe operating limits contact our technical specialists at the locations below.



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Use double mechanical seals with hazardous products.
 Always take safety precautions:
 • Guard your equipment
 • Wear protective clothing



USA Sales & Technical advice:

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