

Stress-free cable attachment

A motor shaft of carbon steel with its excellent magnetic properties provides increased efficiency

Bearing temperature monitor allows early fault diagnosis

Motor internals can be easily inspected by removing the flange bolts

Inspection bores for separate assessment of the mechanical seal condition

Mechanical seals arranged in tandem provide years of trouble-free operation

- rubber bellows stationary on the shaft
- common liquid chamber with large air cushion
- high grade wear-resistant tungsten carbide/ceramic contact faces

Hydraulics with optimum efficiency; few wear parts, continuously good efficiency

Special lifting handle permits easy installation and removal even when the inlet chamber is flooded (no need to enter the sump)

Cable entry absolutely water-tight due to

1. long rubber stuffing box
2. cable sheath embedded in epoxy resin
3. insulated conductors embedded in resin
4. bare conductors also embedded in resin

Water cannot enter into the motor chamber due to the capillary action even if the cable sheath and conductor insulation are damaged.

Reliable, surface-cooled, dry 3-phase asynchronous motor, complying with VDE guidelines

Thermal protection prevents motor overload

Patented moisture detection probe fitted as standard for additional protection

Easily fitted thrust / guide bearings adequately sized to accommodate all operating conditions

Pump shaft of corrosion-resistant chrome steel

Self-centering pump location by means of a circular seat

No need to additionally anchor the pump or secure it against twisting

Easy installation and removal as there is no need to disconnect piping or cables

Minimal bearing loading and shaft deflection due to short shaft overhang

Irrrotational inlet flow thanks to inlet sheets

