

# **Behrens PUMPS**

## **KRAL screw PUMPS K series**

### **PF AFG Eccentric helical rotor pump**

Operation and Maintenance Manual with Spare Parts List.

**The following PUMPS are included in SET:**

**Behrens VRF 9/320SD G Double suction inline centrifugal pump** (Main sea cooling water pump) – Data sheet, Installation drawings, Operating instructions, Sectional drawing of the pump and parts list.

**FLENDER Arpex Steel couplings Series K430 Sizes 80 to 820** – Operating Instructions with parts list.

**Behrens SFN 61 G Centrifugal pump with axial inlet** (Sea water pump for evaporator) - Data sheet, Installation drawings, Operating instructions, Sectional drawing of the pump and parts list.

**Behrens VRF 5/350 G Vertical inline centrifugal pump** (ME Cylinder cooling water pump) - Data sheet, Installation drawings, Operating instructions, Sectional drawing of the pump and parts list.

**Behrens VRF 9/350 G Vertical inline centrifugal pump** (LT fresh water pump main operation) - Data sheet, Installation drawings, Operating instructions, Sectional drawing of the pump and parts list.

**Behrens VKR 441 WW G Horizontal selfpriming side channel pump** (Filling up fresh water pump) - Data sheet, Installation drawings, Operating instructions, Sectional drawing of the pump and parts list.

**Behrens VKR 334 WW G Horizontal selfpriming side channel pump** (Boiler feed water pump) - Data sheet, Installation drawings, Operating instructions (VKO/VKR 110-550 W(W)), Sectional drawing of the pump and parts list.

**Behrens SOH 331 W G Side channel pump** (Feed water filling up pump) - Data sheet, Installation drawings.

**Behrens VRW 7/290 G Centrifugal pump with axial inlet** (Ballast/Spare Bilge pump) - Data sheet, Installation drawings, Operating instructions, Sectional drawing of the pump and parts list.

**Compressed air ejector VATEC (TYPE AELG 35/45/55/65)** - Maintenance and repair, Disassembly and assembly of the compressed air ejector, Disassembly and assembly of the jet system, Disassembly and assembly of the shut-off system, Dimensions, Spare parts, Circuit Diagramm.

**Behrens VRW 3/350 G Centrifugal pump with axial inlet** (Fire pump) - Data sheet, Installation drawings, Operating instructions, Sectional drawing of the pump and parts list.

**Behrens VRW 5/420 G Centrifugal pump with axial inlet** (Emergency fire pump forward quarter) - Data sheet, Installation drawings, Operating instructions, Sectional drawing of the pump and parts list.

**Vacuum pump VATEC (TYPE ASED-C)** – Installation, Maintenance and repair, Spare parts, Disassembly and assembly of the vacuum pump, Dimensions, Installation example, Disturbances, Circuit diagram, Fittings.

**Vacuum controlled Shut-Off Valve VATEC (Type VEP)** – data sheet.

**KRAL KV 851 + 160 3 spindle screw pump foot mounted** (Fuel transfer pump) - Data sheet, Installation drawings, Operating and maintenance instructions with good photos, Sectional drawing of the pump and parts list for K screw pumps series (from K 5 to K 1701 pumps)

**PF AFG 1063 B Eccentric helical rotor pump - Progressive cavity pump** (Oil residue pump) - Data sheet, Installation drawings, Operating instructions, Sectional drawing of the pump and parts list.

**KRAL KF 118 + 100 M 3 spindle screw pump flange mounted** (Fuel supply pump ME and AEs) - Data sheet, Installation drawings, Operating and maintenance instructions with good photos, Sectional drawing of the pump and parts list for screw pumps K series with magnetic coupling (from K 5 to K 1701 pumps).

**KRAL KF 160 + 132 M 3 spindle screw pump flange mounted** (Fuel circulating pump) - Data sheet, Installation drawings, Operating and maintenance instruction the same as above.

**KRAL AEs KF 55 + 100 M 3 spindle screw pump flange mounted** (Fuel circulating pump) - Data sheet, Installation drawings, Operating and maintenance instruction the same as above.

**KRAL AEs KF 55 + 90 3 spindle screw pump flange mounted** (MDO supply pump) - Data sheet, Installation drawings, Operating and maintenance instruction the same as above.

**AUDOLI & BERTOLA Division of GRUPPO ATURIA VAL 250/2R Vertical deepwell centrifugal pump** (Main lube oil pump) - Data sheet, Installation drawings. Operating and maintenance instructions with Parts list for the following type of pumps:  
pump type VAL 152 without bearing bracket  
pump type VAL 152 with bearing bracket  
pump type VAL 200  
pump type VAL 250  
pump type VAL 302 with centring sleeve  
pump type VAL 302 with keyed impeller  
pump type VAL 349 with centring sleeve  
pump type VAL 349 with keyed impeller  
pump type VAL 351

**PF AFG 40.1 B Eccentric helical rotor pump - Progressive cavity pump** (Oil residue pump) - Data sheet, Installation drawings, Operating instructions, Sectional drawing of the pump and parts list.

**KRAL KF 20 + 71 3 spindle screw pump flange mounted** (Cylinder oil pump) - Data sheet, Installation drawings, Operating and maintenance instruction the same as above.

**KRAL Hand pump K2 1"** (Drain pump bow thruster, Cylinder oil hand pump) - Data sheet, Installation drawings - **BONUS**

**KRAL KF 5 + 71 3 spindle screw pump flange mounted** (MDO transfer pump for incinerator plant) - Data sheet, Installation drawings, Operating and maintenance instruction the same as above.

**Herborner Pumpenfabrik UNISELB 45-131/0222 SH self-priming pumps** (Greywaterpump) - Data sheet, Installation drawings, Operating instructions with parts list - **BONUS**