

ANALA

STAINLESS STEEL PUMPS

BACK PULL-OUT CENTRIFUGAL PUMPS TO DIN 24255



ISO 9001:2008 REGISTERED FIRM
CERT.NO: IN/09/5019



TECHNICAL DATA

- Capacity u Upto - 600 M³/hr.
- Total head u Upto - 65 Metres
- Speed u Upto - 3600 rpm.
- Temperature u Upto - 160°C.
- Casing Pressure u Upto - 16 Bars

APPLICATION

ACP series of pumps are good for clean water DM Water, Beverages, process liquids, salt water, petroleum products alcohol, spirits and solvents, aggressive liquids, HCL 33% (in Hastelloy-C) sulphuric acid etc.

CONSTRUCTION FEATURES

Horizontal single stage volute casing pump's dimensions correspond to DIN 24255 with end suction and top centreline discharge. Back pull-out design enables to remove the rotor assembly without disturbing the pipe lines. The support feet are integrally cast with volute casing.

The ACP range comprises of 15 pump types with 2 shaft sizes which cover the entire range with maximum interchangeability. For pumps belonging to a particular shaft size, shaft, shaft sleeve, impeller nut and bearings are interchangeable. Impeller is hydraulically balanced by back vanes, and in the case of larger impeller diameter by renewable wear ring and relief holes.

SHAFT

Made of accurately grounded high tensile shaft supported with Conventional grease lubricated two deep groove ball bearings. Oil lubrication will be an option.,

FLANGES

Flange dimensions as per DIN 2532/2533. ANSI/BS will be an option.

DIRECTION OF ROTATION

Clockwise from drive end.

CASING PRESSURE

- 16 Bars 10°C to 100°C (Subject to total head of 100 Metres)
 - 8 Bars 100°C to 160°C
- Casing Pressure = (Suction Pressure + Shut-off head)

SHAFT SEALING

Soft packed stuffing box or mechanical seal.

- For temperature range - 10°C to 100°C self-flushing uncooled stuffing box.
- For temperature range - 10°C to 100°C external flushing uncooled stuffing box.
- For temperature range upto 160°C cooled stuffing box.
- Mechanical seal, as optional