

# FAC

## THERMAL OIL / HOT WATER PUMPS



### Technical Data :

Maximum Capacity	: 500 M3/Hr.
Maximum Delivery head	: 160 Mtrs.
Maximum operating temperature	: 350 Deg. C
Maximum operating pressure	: 16 Bar
Maximum Speed	: 3500 RPM

### Field of applications :

FAC Series of centrifugal pump has been specifically designed for circulating thermal oils / Hot water at elevated temperatures without the need of expensive mechanical seals and auxiliary cooling arrangements.

### Design Features :

Designed to DIN 24256/ISO 2858/ISO 5199.

No external cooling required ensuring environmentally friendly use of resources.

Excellent price to performance ratio.

High efficient radial multi vane closed type impeller.

Excellent efficiency, Low NPSH

Sturdy mechanical design.

Back pull out design ensures quick and easy maintenance.

Safety packing to eliminate contamination entering the bearing.

Long life carbon plain bearing on pump end lubricated by the pumped liquid and Radial ball bearing at drive end, grease lubricated for life.

Large mechanical seal reservoir ensures adequate lubrication to the mechanical seal.

Shaft sealing by Standard balanced or unbalanced Mechanical seal.

### Material of Constructions :

Volute casing	: Nodular Cast iron EN-GJS-400-18LT
Casing cover	: Nodular Cast iron EN-GJS-400-18LT
Bearing housing	: Nodular Cast iron EN-GJS-400-18LT
Shaft	: Chrome steel 1.4021