

Thermic Fluid Pumps

for High Temperature Applications

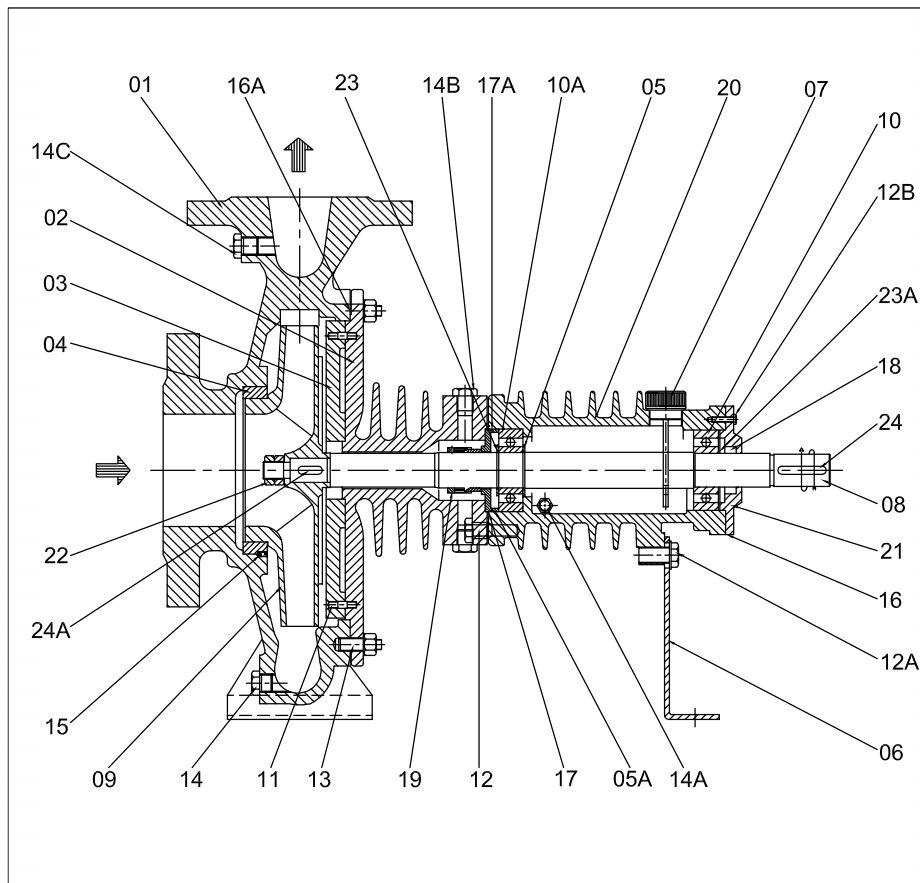


T-CIP Series



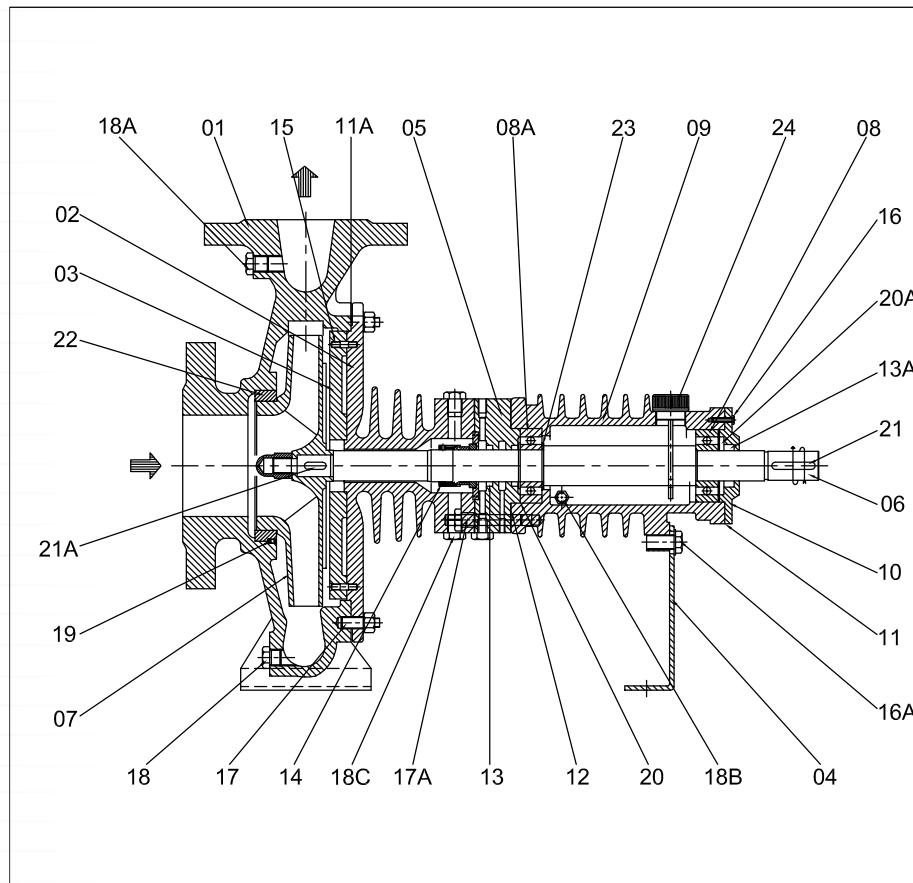
PERFORMANCE IS EVERYTHING

Sectional Drawing for General Thermic Fluid Pumps



24	Key-Wey	SS316		
23	Circllp	Steel		
22	Locking nut	Steel		
21	Bearing cover	Ductile Iron		
20	Bearing frame	Ductile Iron / Cast Iron		
19	Mechanical seal	Lecrolloy / Carbon		
18	Radial seal ring	Vlton		
17	O-RIng	Vlton		
16	Gasket	Paper Gasket		
15	Grub screw	SS202	SS304	SS316
14	Plug	SS202	SS304	SS316
13	Stud	SS202	SS304	SS316
12	Screw	SS202	SS304	SS316
11	Screw	SS202	SS304	SS316
10	Ball bearing	Steel		
09	Impeller	Ductlle Iron	WCB	SS316
08	Shaft	SS316		
07	Oil dlpstlck	Steel		
06	Support foot	Ductile Iron		
05	Spacer ring	Steel		
04	Wear ring	Bronze	CC50	
03	Cooling plate	Ductlle Iron	WCB	SS316
02	Casing cover	Ductlle Iron	WCB	SS316
01	Suction casing	Ductlle Iron	WCB	SS316
Part No.	DESCRIPTION	MOC		

Sectional Drawing for Vegetable Oil Pumps



24	Oil dipstick	Steel		
23	Spacer ring	Steel		
22	Wear ring	Bronze	CC50	
21	Key	SS316		
20	Clrcilp	Steel		
19	Grub screw	SS202	SS304	SS316
18	Plug	SS202	SS304	SS316
17	Stud	SS202	SS304	SS316
16	Screw	SS202	SS304	SS316
15	Screw	SS202	SS304	SS316
14	Mechanical seal	SIC-Car.		
13	Radial seal ring	Viton		
12	O-Ring	Viton		
11	Gasket	Paper Gasket		
10	Bearing cover	Ductile Iron		
09	Bearing frame	Ductile Iron / Cast Iron		
08	Ball bearing	Steel		
07	Impeller	SS316		
06	Shaft	SS316		
05	Extension flange	WCB	SS316	
04	Support foot	Ductile Iron		
03	Cooling plate	WCB	SS316	
02	Casing cover	WCB	SS316	
01	Suction casing	WCB	SS316	
Part No.	DESCRIPTION	MOC		

Technical Features of Thermic Fluid Pumps

- Pump Dimensions comply to ISO 2858/5199 with Flange STD ASA 150.
- Available in Closed Impeller Construction for Higher Efficiencies.
- Wide Range of Models and MOCs available (Ductile Iron, Cast Steel & Stainless Steel) covering the Maximum Duty Conditions.

Salient Features for Thermic Fluid Pumps:

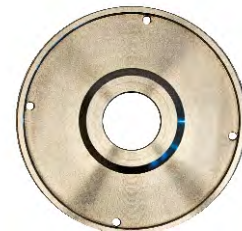
- Two Intrinsic Designs covering wide range of High Temperature Fluids and other Vegetable Oil Applications.
- Maximum Temperature handling up to 350° C.
- Back Ribs on Impeller.
- Heat Barrier plate for better heat dissipation.
- Cooling Fins (Air-Cooled) are provided to eliminate use of External Cooling Systems.
- Oil Lubricated Bearing Housing Only, with Ball Bearings provided on the Product Side as well as the Drive Side to ensure Ease of Maintenance & Better Service Life.
- Intermediate element Provided for Vegetable Oil Applications Under Vacuum, eliminating use of Expensive Double or Metal Bellow Seals.



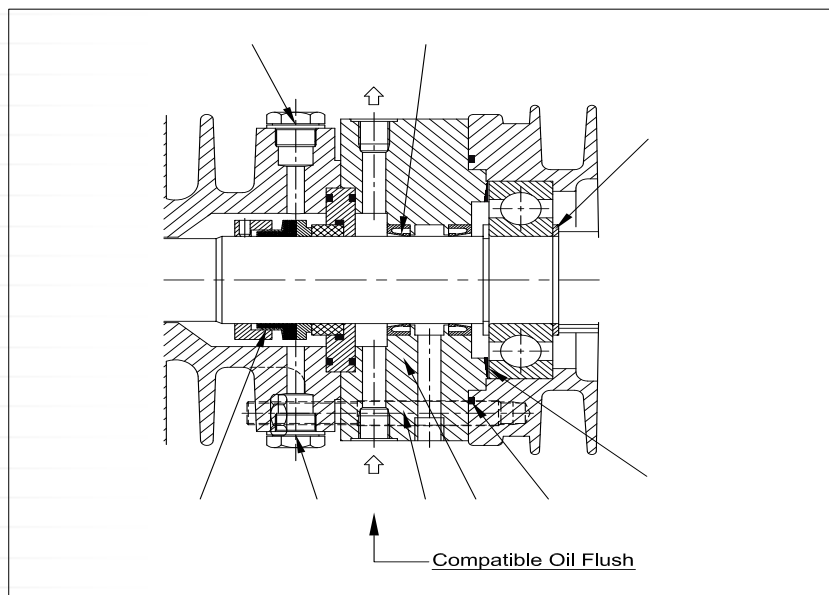
Closed Impeller



Back Ribs
On Impeller



Heat Barrier Plate



Cooling Fins



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* Dimensions and Technical Details are subject to change without prior notice