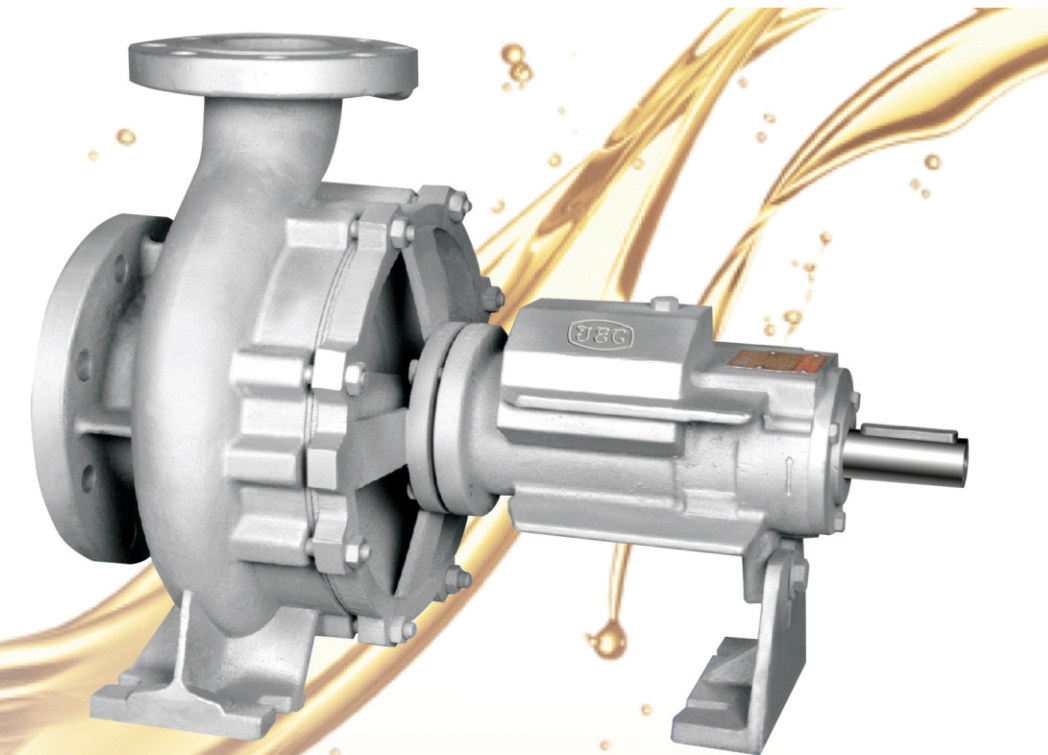


An ISO 9001 Certified Company



# Hot Oil Pump

## HTP Series



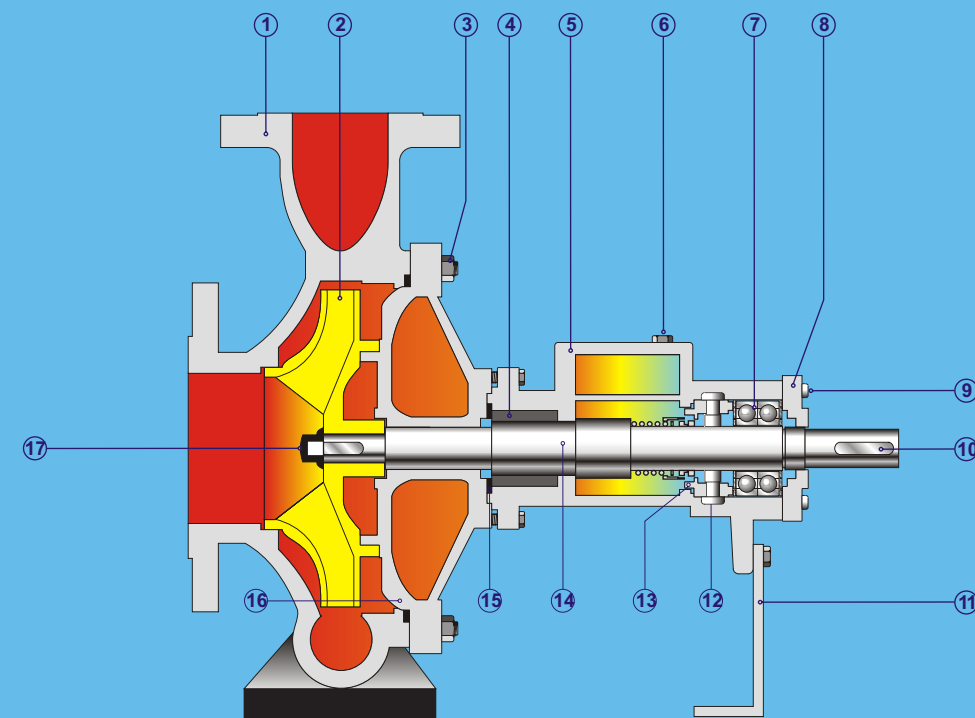
### APPLICATION

To support core markets which are Oil and Gas, Textile, Chemical, Paper and Sugar, Plastic, Pharmaceutical & Food, Plywood, Rubber, Water, and Industrial Applications.

The JEC HTP Series Pump is a horizontal volute casing, single stage centrifugal pump. is manufactured in accordance with Din 24256 (ISO 2858) standard. Designed for thermic fluids and hot water process conditions, Sturdy discharge cover designed for high stiffness, Optimised heat barrier & low wear. Design variant with bearing for high resistance, Reinforced deep-groove ball bearing with special grease fill for long service life, optimised shaft contour ensures reliable removal of leakage, Highly effective venting contour ensures optimum venting, Confined gaskets, Design variant with mechanical seal in tandem arrangement, Anti-seize plain bearing lubricated by the fluid handled, Optimised hydraulic system yields high efficiency, Impeller trimmed to match the specified duty point, Suitable for variable-speed operation and equipped with motor standard, Easy to maintenance for it's back-pull-out design which allows the pump to be dismantled without disturbing the suction and discharge pipework, Ideal for thermal fluids at 350 C high temperature without needing any type of external air conditioning !

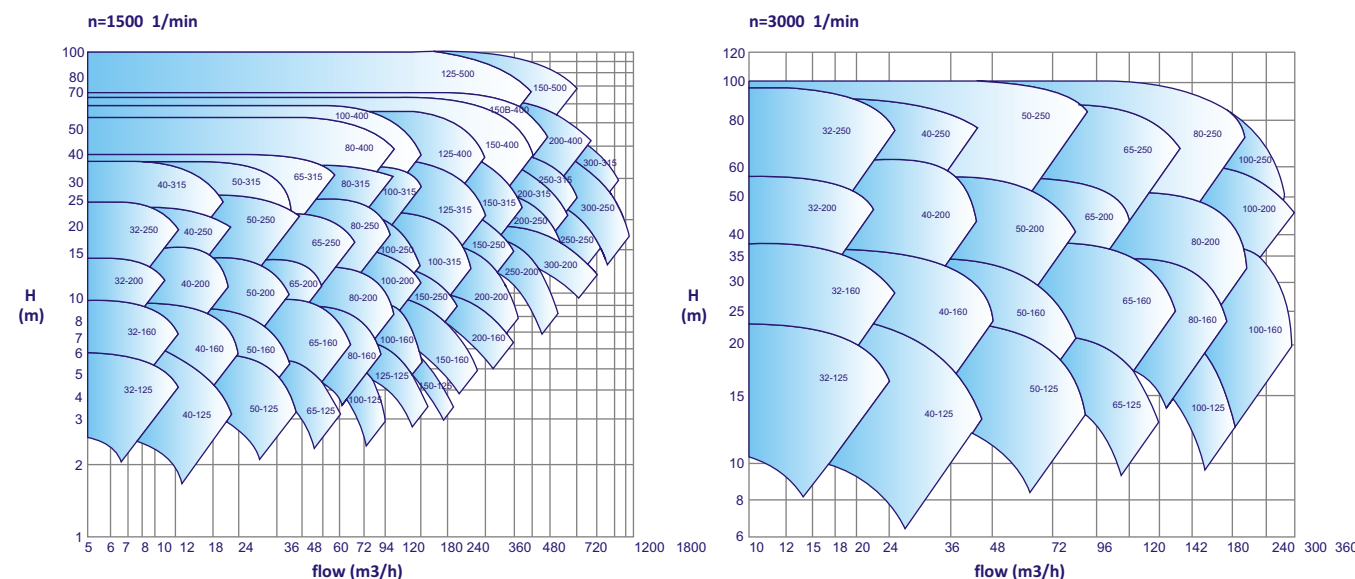
### SPECIFICATIONS

	THIRMAL FLUID	HOT WATER
Max. Flow Rate	10 to 750 m3/h	10 to 750 m3/h
Max. Head	8 to 110 meters	8 to 110 meters
Fluid Temperature	350 °C	80 °C to 180°C
Max. Operating Pressure	16 bar	16 bar
Speed	1450 to 2900 RPM	1450 to 2900 RPM



1. Casing
2. Impeller
3. Stud
4. Plain Bearing
5. Bearing Housing
6. Plug
7. Ball Bearing
8. Bearing Cover
9. Hex Bolt
10. Key
11. Support Leg
12. Seal Hub
13. Mechanical Seal
14. Shaft
15. Gasket
16. Stuffing Box
17. Impeller Nut

### FAMILY CURVES



**JAY AMBE ENGINEERING CO.**  
MANUFACTURER OF INDUSTRIAL CHEMICAL PROCESS PUMPS & VALVES

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