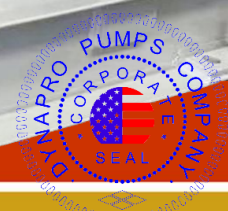
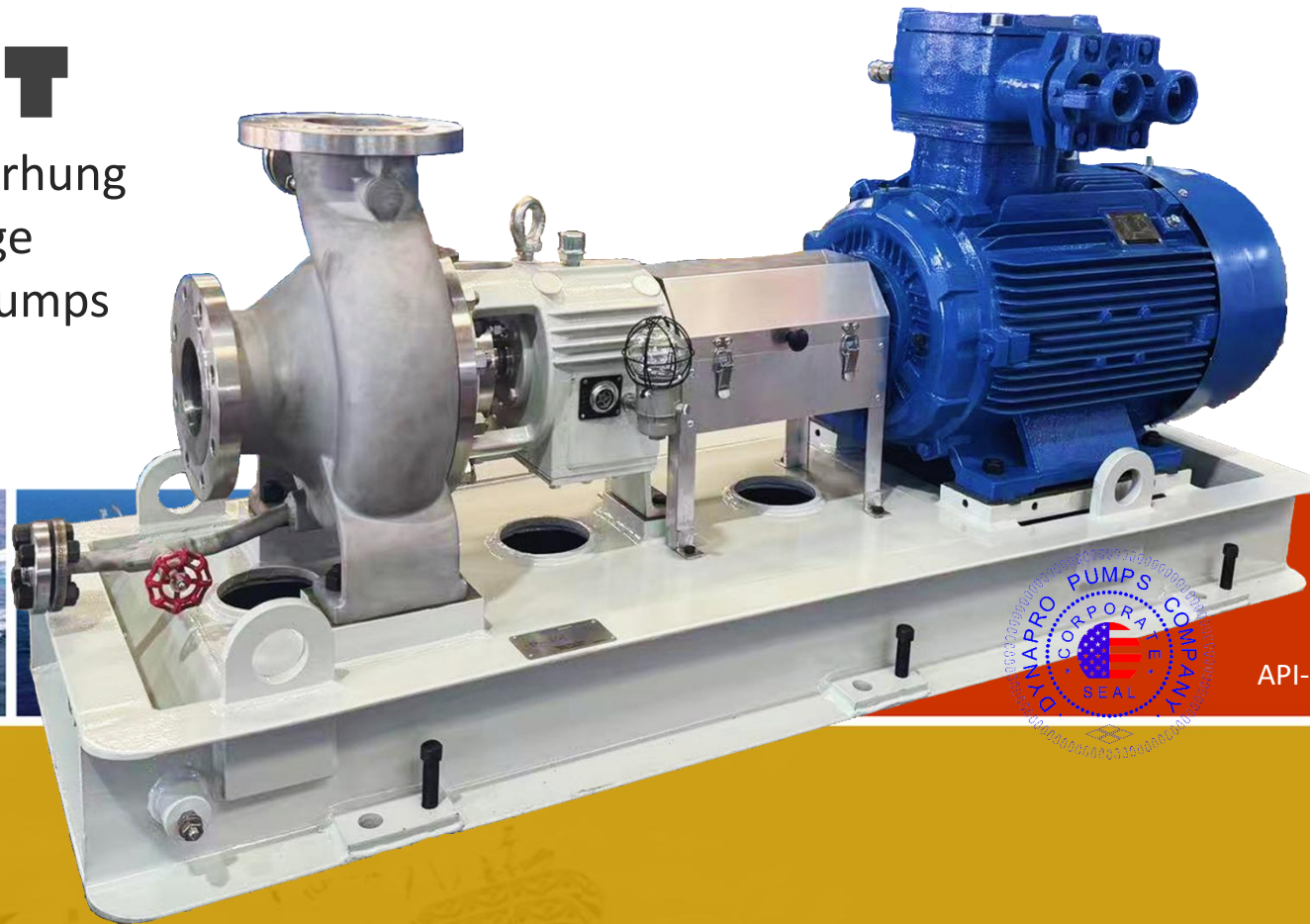


SCP-T

Horizontal Overhung
Single Stage
End Suction Pumps



API-610 OH1 STD.

Committed To Excellence

SCP-T

API-610 OH1 STD.

The Dynapro Pumps Company in centrifugal pump design, development, manufacturing, and servicing to comply to the latest industry standards as full compliance equipment.



Design Features and Benefits

A. Casing –

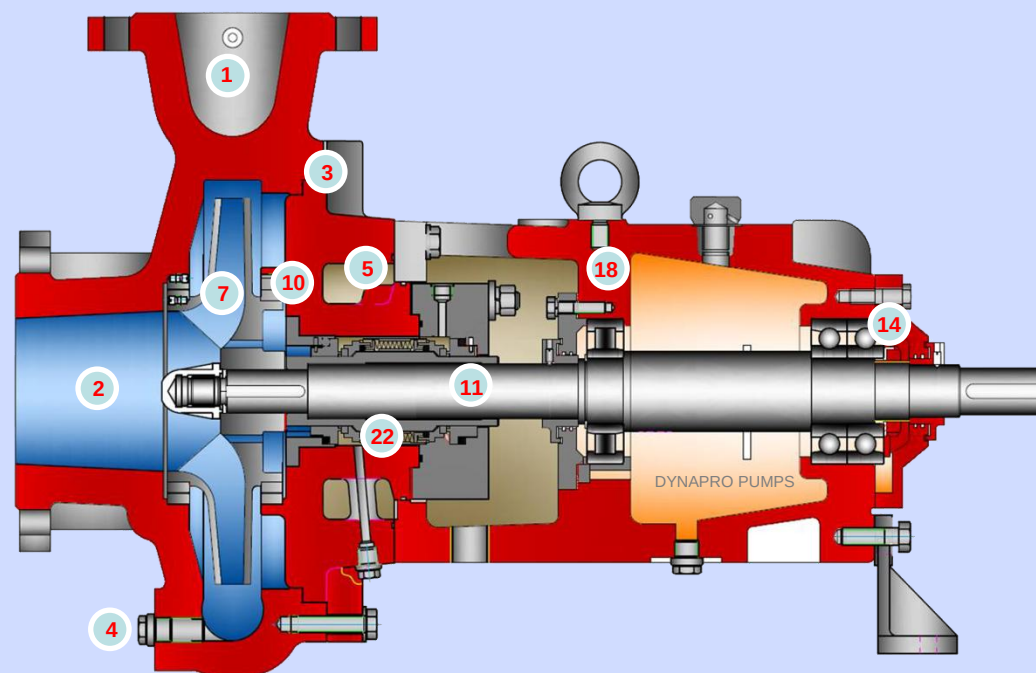
1. Rigid design for long life operation.
2. Flanges are ANSI 150# RF, 300# RF, and 600# RF available.
3. Smooth suction entry with optimized volute design.
4. Complete and fast draining of the pump.
5. Available with integrated cooling or heating chamber.
6. Wide range of materials as per API-610 Table H1 up to D-2 Designation or Super Duplex Stainless Steel (SDSS).

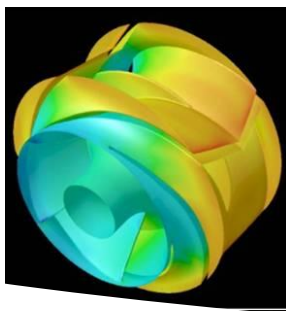
B. Impeller –

7. Precision impeller dynamic balance for smooth operation.
8. Suitable for liquids with solids.
9. Easy to clean when pumping sticky liquids.
10. Replaceable wear rings.

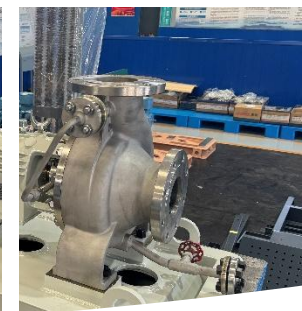
C. Pump Shaft –

11. Robust design with minimal shaft deflection.
12. Deflection less than 0.05 mm at the seal face.
13. Extending duty life of seal and bearings.





SCP-T is a heavy duty, horizontal, overhung, radially split, single stage, end-suction centrifugal pump built in as per API-610 Latest Ed. Standard. SCP-T is for oilfield, refinery, and other transfer and process, for multipurpose heavy-duty applications and services.



D. Bearing –

- 14. Oil lubricated bearing construction
- 15. Roller bearing and double row angular contact ball bearing providing life of over 25,000 hours.
- 16. Retaining radial forces.
- 17. Providing axial thrust.

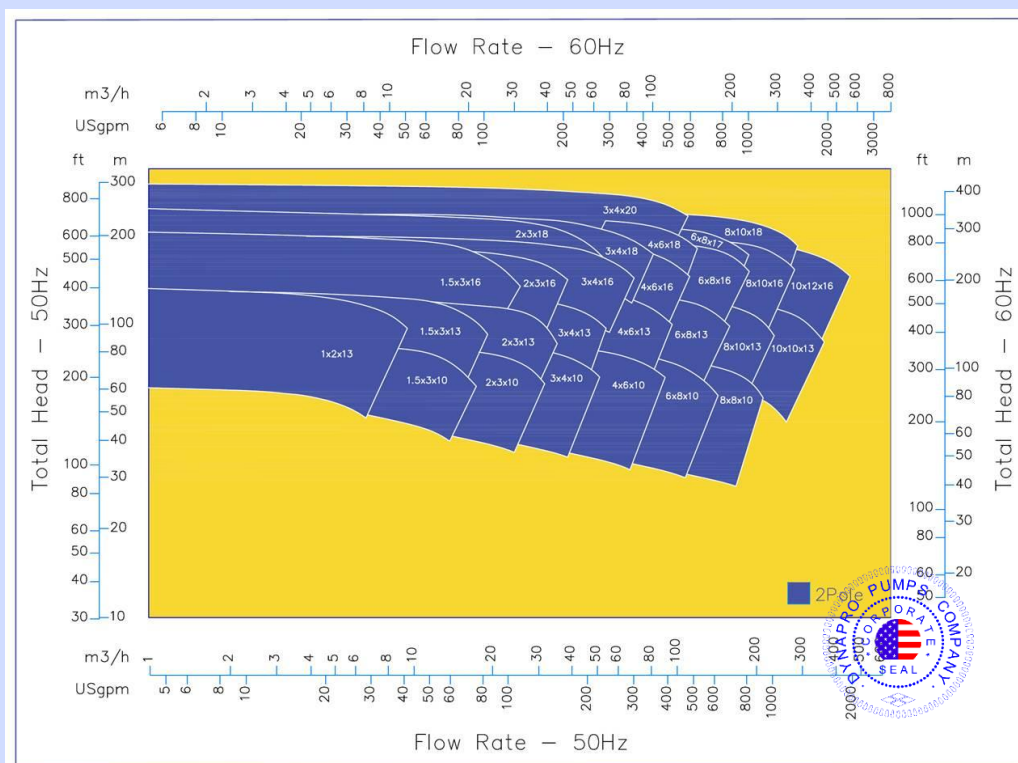
E. Bearing Bracket –

- 18. Robust design.
- 19. Optional oil-cooling cover.
- 20. Longer bearing life.
- 21. Maintaining optimum service temperature of the lube oil.

Performance Ratings

Capacity	Q	2000	m ³ /h	(8800 USgpm)
Head	H	150	m	(492 ft)
Speed	n	3600	rpm	
Temperature		100	°C	(212 °F)
Pressure		25	barg	(362 psig)

Hydraulic Coverage



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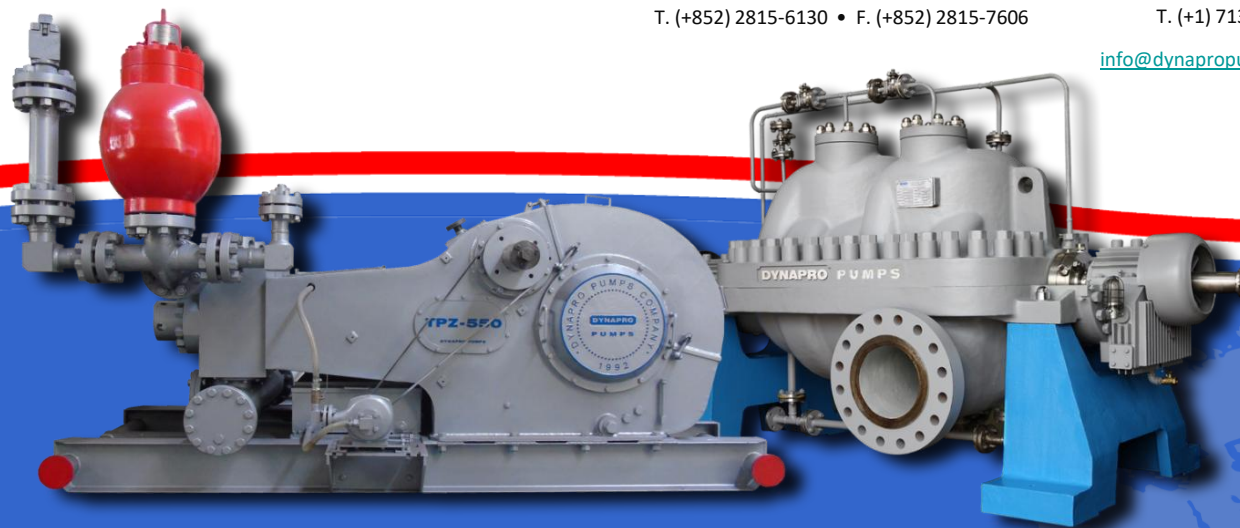
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The manufacturers reserve the right to alter
the specification and data to incorporate
improvements in design.
Certified drawings will be issued on request.