

DYNAPRO PUMPS
A LOUIS PUMPS COMPANY

JTH

Multistage, Axially Split Case
Between Bearing Pumps



API-610 BB3, LATEST EDITION

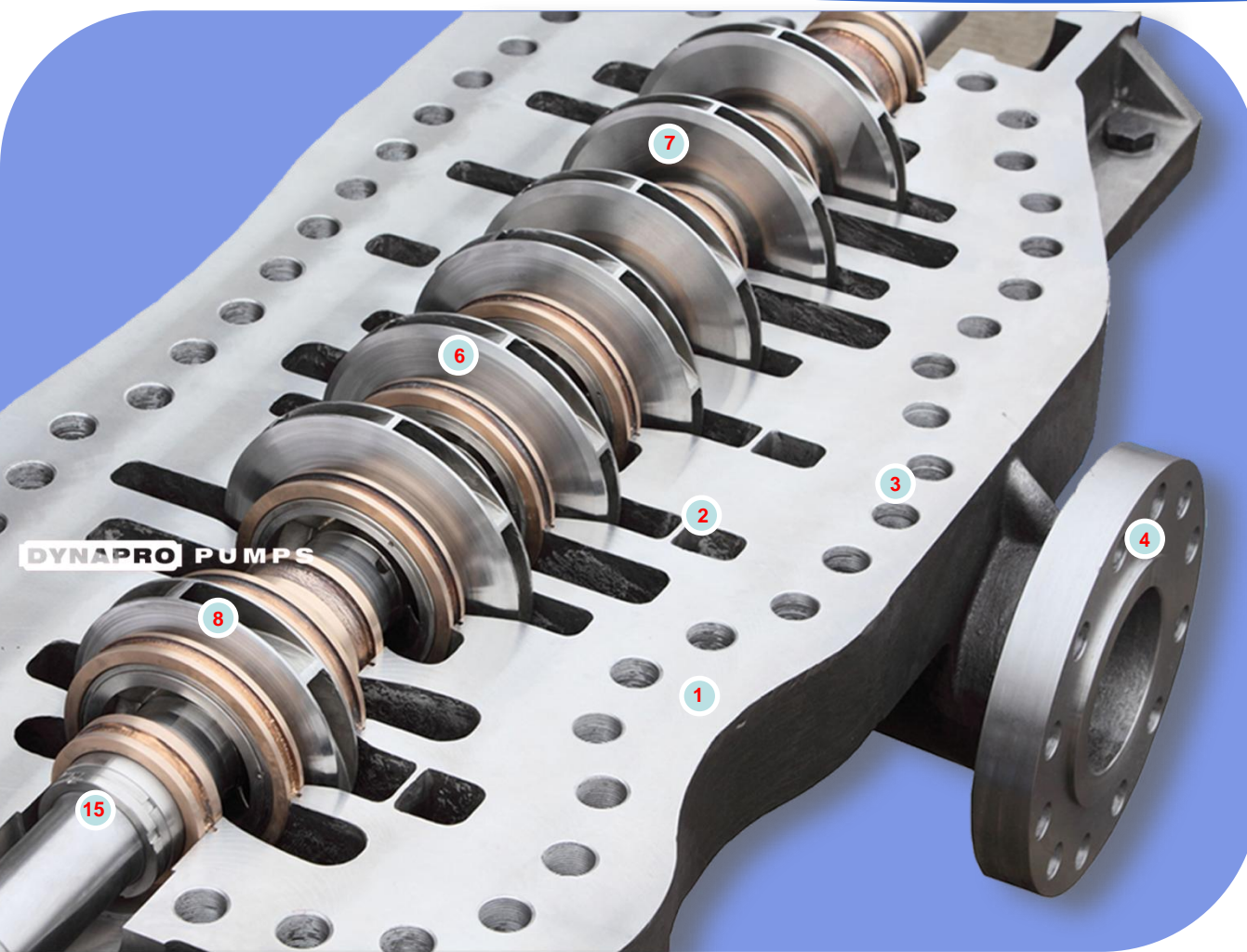
Committed To Excellence

JTH

API-610, BB3

Latest Edition

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



The JTH Pumps

- Horizontal Arrangement
- Modular Design System
- Multistage, Axially Split Case
- Between Bearing
- Nearly Centerline Mounted.

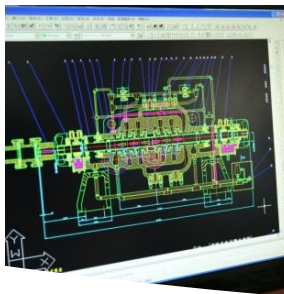
The pumps meet the stringent specifications of API-610 process pumps under heavy- and medium-duty conditions.

To meet these demands, this product range is available in a wide spectrum of materials of construction and numerous design alternatives (as per API-610).

JTH Design Features

A. Casing –

1. Axially split type for extreme ease of maintenance.
2. Dual volute design balance hydraulic radial thrust at each stage for extended seal and bearing life.
3. Heavy duty single row bolting, all stud-nuts located on top for easy of maintenance.



JTH is a heavy duty, axially split case, volute type, multistage, centrifugal pump built in Accordance with API-610, latest edition.

JTH is pipeline and injection centrifugal pumps for multipurpose high pressure applications.

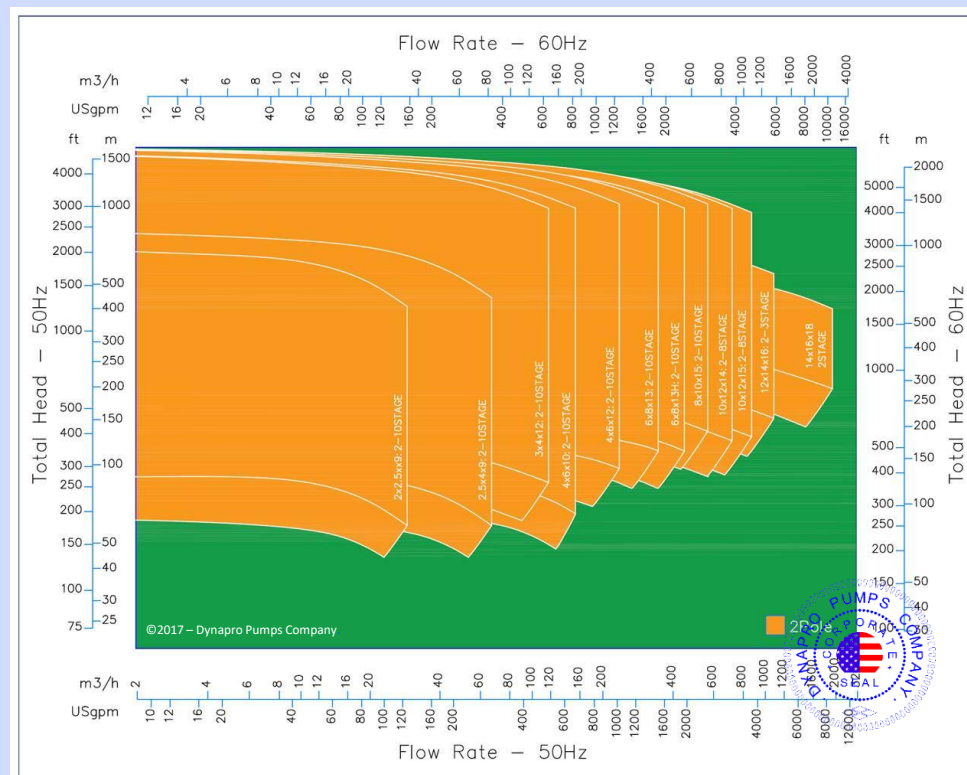


4. The suction and discharge nozzles are cast into the lower half casing hence complete disassembly of the pump can be accomplished without disturbing the suction and discharge piping.
 5. Nozzles are ANSI CL300, CL600, and CL900 raised face, other type and classes are available.
- B. Impeller and Rotor –**
6. Precision impeller individually dynamic balance for smooth operation.
 7. Opposed impeller arrangement provides permanent axial hydraulic balance.
 8. Double suction first stage impeller provided when NPSHa is limited.
 9. Entire rotating assembly can be removed without disturbing piping.
 10. Impellers and rotating assembly are dynamically balanced to API STD 610.

Performance Ratings

Capacity	Q	2500 m ³ /h	(11000 USgpm)
Head	H	1500 m	(4920 ft)
Speed	n	3600 rpm	
Temperature		175 °C	(347 °F)
Pressure		210 barg	(3000 psig)

Hydraulic Coverage



Dynapro Pumps Company

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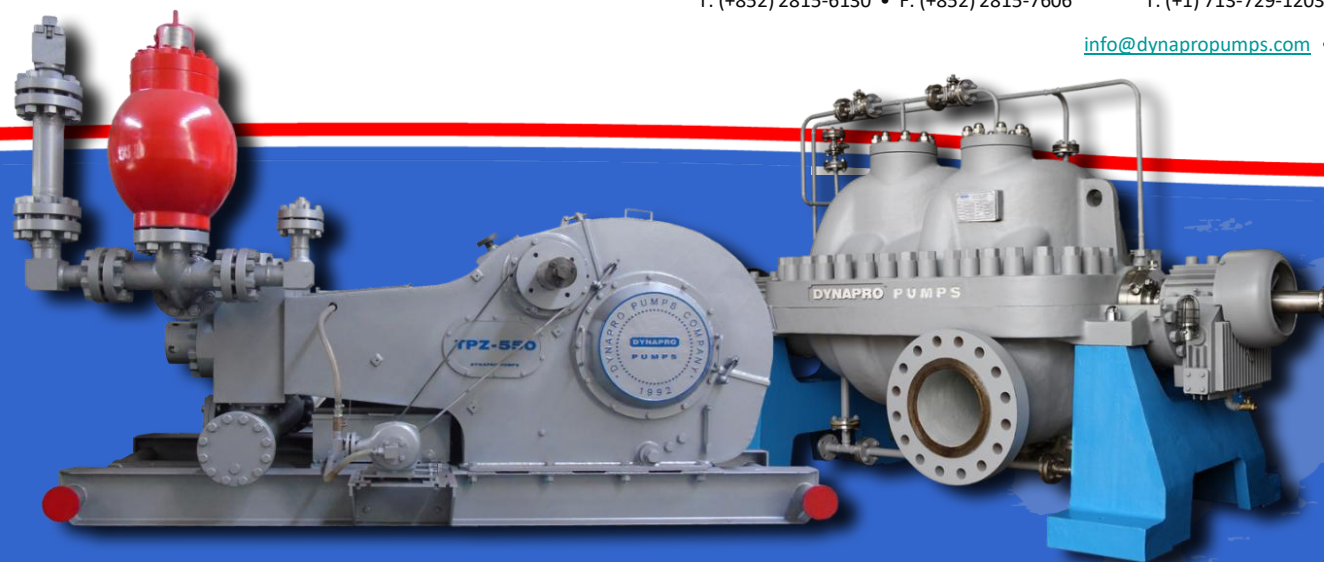
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The manufacturers reserve the right to alter
the specification and data to incorporate
improvements in design.
Certified drawings will be issued on request.