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HYOSUNG GOODSPRINGS INC.

# RTP/RTPD

R-series Two Stage Radial Split Pump(BB2)

API610 ISO13709



HYOSUNG GOODSPRINGS  
**PUMPS  
& WATER**

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Springs of Living Water

HYOSUNG GOODSPRINGS INC.

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RTP/ RTPD



HYOSUNG GOODSPRINGS MODEL RTP and RTPD  
API610 BB2 Type Pump, Two stage radial split pump  
Model RTP denotes single suction impeller type.  
Model RTPD denotes double suction impeller type.

Designation

RTP / RTPD	100	—	420
Model	Nominal Discharge Dia (mm)		Impeller Diameter (mm)

Applications

- Power Generation Boiler Feed
- Oil and Gas Refinery
- Petrochemical Industries
- Other Chemical
- General Industries

Features

- Pump is heavy duty designed with centerline support
- Designed in accordance with API 610, ISO 13709 specifications
- Compact design applicable for wide range of liquids
- Interchangeability is maintained for all components of the pump
- Low NPSH performance

Rating

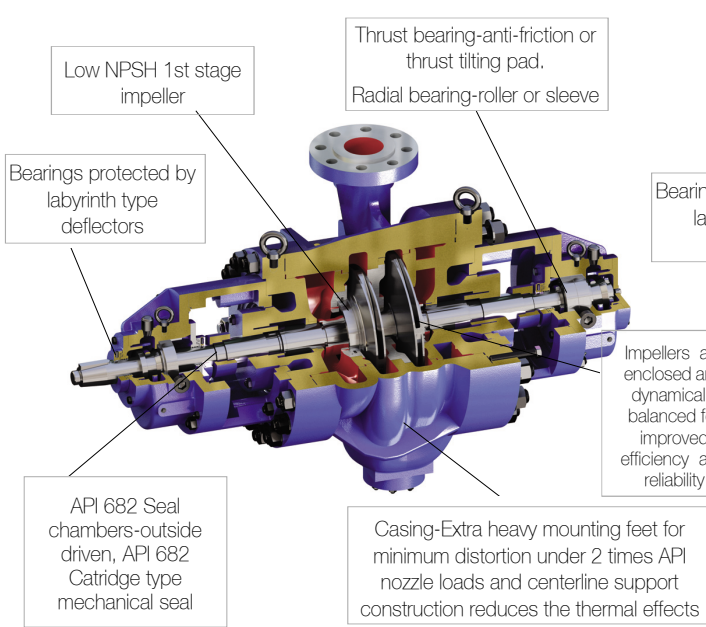
Capacity	To 5500 m³/min (6600 US GPM)
Heads	To 520 m (1700ft)
Maximum working pressure	Consistent with the pressure ratings of ANSI 300 flanges High pressure ratings are available
Rotation	Clockwise (viewed from inboard side)
Impeller type	Enclosed
Temperatures	-100 °C to 450 °C (-150 °F to 850 °F)
Nozzles	Top-Top (Side-Top & Side-Side option)
Flanges	ANSI 300lb as standard
Shaft sealing	Suitable for mechanical seal

Materials

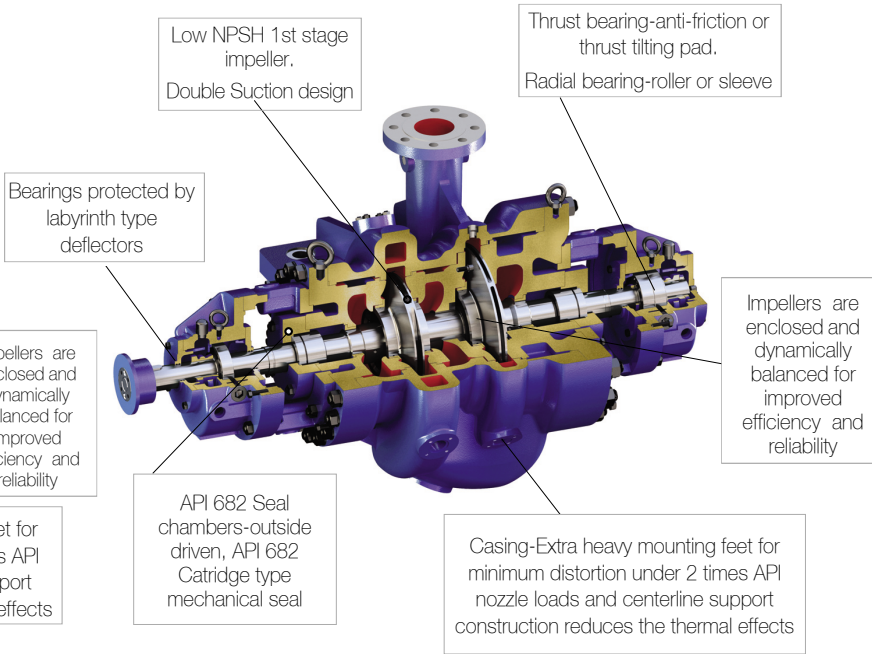
Part Name	Materials JIS/ASTM-AISI			
	C.Steel	Low C.Steel	12% Cr.Steel	316 S.Steel
Casing	SCPH2/A216WCB	SCPL1/A352LCB	SCS6/A487CA6NM	SCS6A/A351CF3M
Impeller 1st STG	SCS6/A743CA6NM	SCS13A/A743CF8	SCS6/A743CA6NM	SCS6A/A743CF3M
Impeller 2nd STG	SCS6/A743CA6NM	SCS13A/A743CF8	SCS6/A743CA6NM	SCS6A/A743CF3M
Impeller Wear Ring	SUS420/A276TP420	SUS304/AISI304	SUS420/A276TP420	SUS316L/A479TY316L
Shaft	SCM440/AISI4140	SUS304/AISI304	SUS420/A276TP420	SUS316L/A479TY316L
Case Wear Ring	SUS420/A276TP420	SUS304/AISI304	SUS420/A276TP420	SUS316L/A479TY316L

Construction

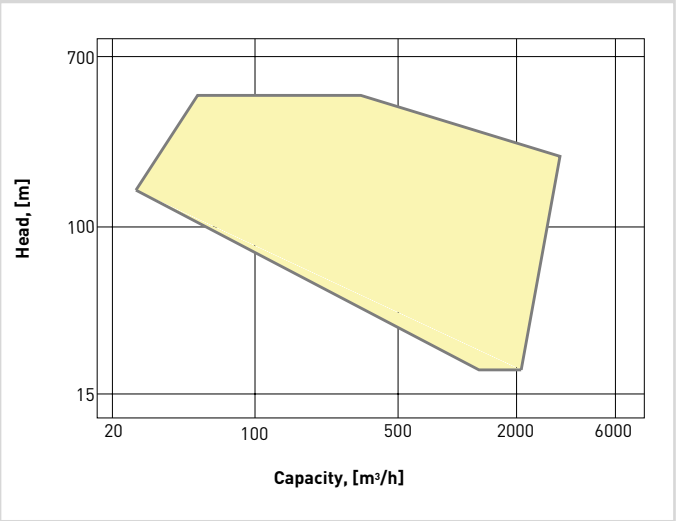
[RTP]



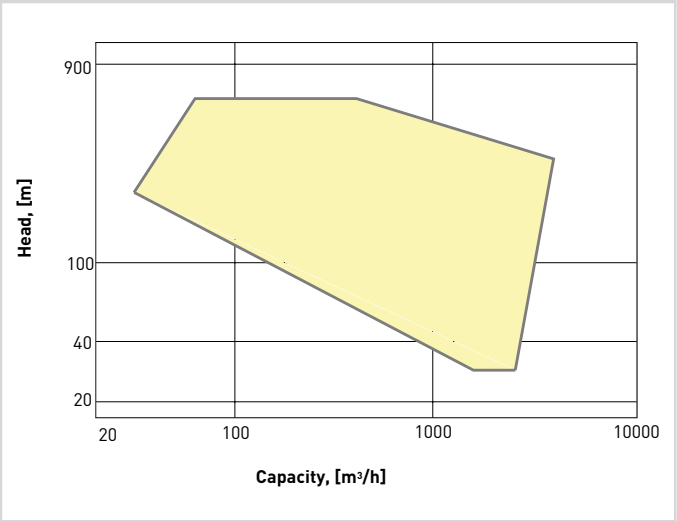
[RTPD]



50Hz



60Hz



Performance ranges shown on these charts are for preliminary selection only.