



TD PUMPS

ZJ Centrifugal Slurry Pumps

ZJ series is a single-stage, horizontal centrifugal slurry pump. It is a new type of abrasion-resistant and corrosion-resistant slurry pump developed by HEBEI TONGDA PUMP CO.,LTD, according to the increasing practical needs of the slurry pump in the basic industries such as coal, electricity, metallurgy, chemical industry, building materials, etc., and in view of the complexity and particularity of its application conditions. In hydraulic model design, structural design and wear-resistant materials used, this series of pumps widely absorb and innovate advanced technologies and research achievements at home and abroad, and have the advantages of high efficiency, energy saving, small vibration, low noise, reliable operation, long service life, convenient maintenance, etc

MAIN FEATURES

1. Excellent hydraulic performance, high efficiency, low wear, wide flow channel, anti-clogging and excellent cavitation performance.
2. The auxiliary impeller+packing combined seal, mechanical seal and single packing seal are adopted, which are applicable to different operating conditions.
3. The research and development of a variety of materials make it adapt to different working conditions, and the product has a high cost performance.
4. Large-capacity oil tank, thin oil bath lubrication, greatly extending the service life of bearings.
5. Large bracket design, large shaft diameter design, good rigidity, stable operation.
6. The unique rotor axial adjustment device makes the on-site adjustment of the impeller more convenient.



APPLICATION AREA

ZJ series products are widely used in metallurgy, steel plants, coal preparation, mineral processing, alumina and flue gas desulfurization projects and peripheral systems. It is mainly used to transport abrasive slurry containing solid particles, such as feed pump of mine, transportation of various concentrates and tailings, slag removal of power plant, slag removal of steel plant, transportation of slime and heavy medium in coal preparation plant, etc. The weight concentration of slurry can reach 45% of mortar and 60% of mineral slurry.

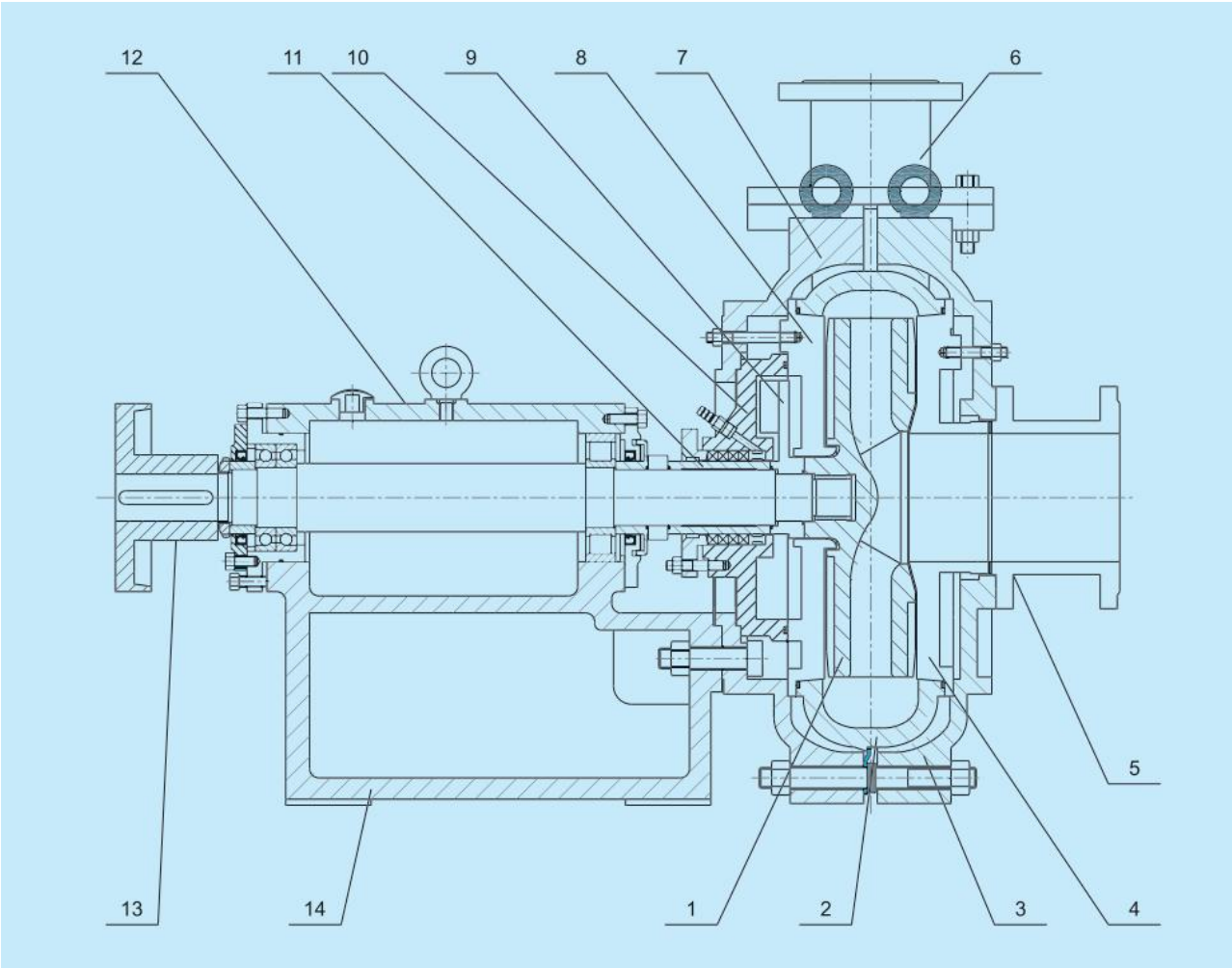


MATERIAL

	Cast iron	Cr27	Cr30	Rubber
Outer casing	<input checked="" type="checkbox"/>			
Impeller		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Throatbush		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
FPL insert		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Volute Liner		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Cr27 used for high abrasive liquid, Cr30 for abrasive and corrosive liquid, rubber for corrosive liquid.

STRUCTURE



No	Name	Material	No	Name	Material
1	Impeller	Cr27/Cr30/Rubber	8	FPL insert	Cr27/Cr30
2	Volute casing	Cr27/Cr30/Rubber	9	Expeller	Cast iron
3	Front housing	Cast iron	10	stuffing box	Cast iron
4	Throughbush	Cr27/Cr30/Rubber	11	shaft sleeve	4Cr13
5	Inlet short pipe	Cast iron	12	Bracket cover	Cast iron
6	Outlet short pipe	Cast iron	13	coupling	Cast iron
7	Rear housing	Cast iron	14	bracket	Cast iron

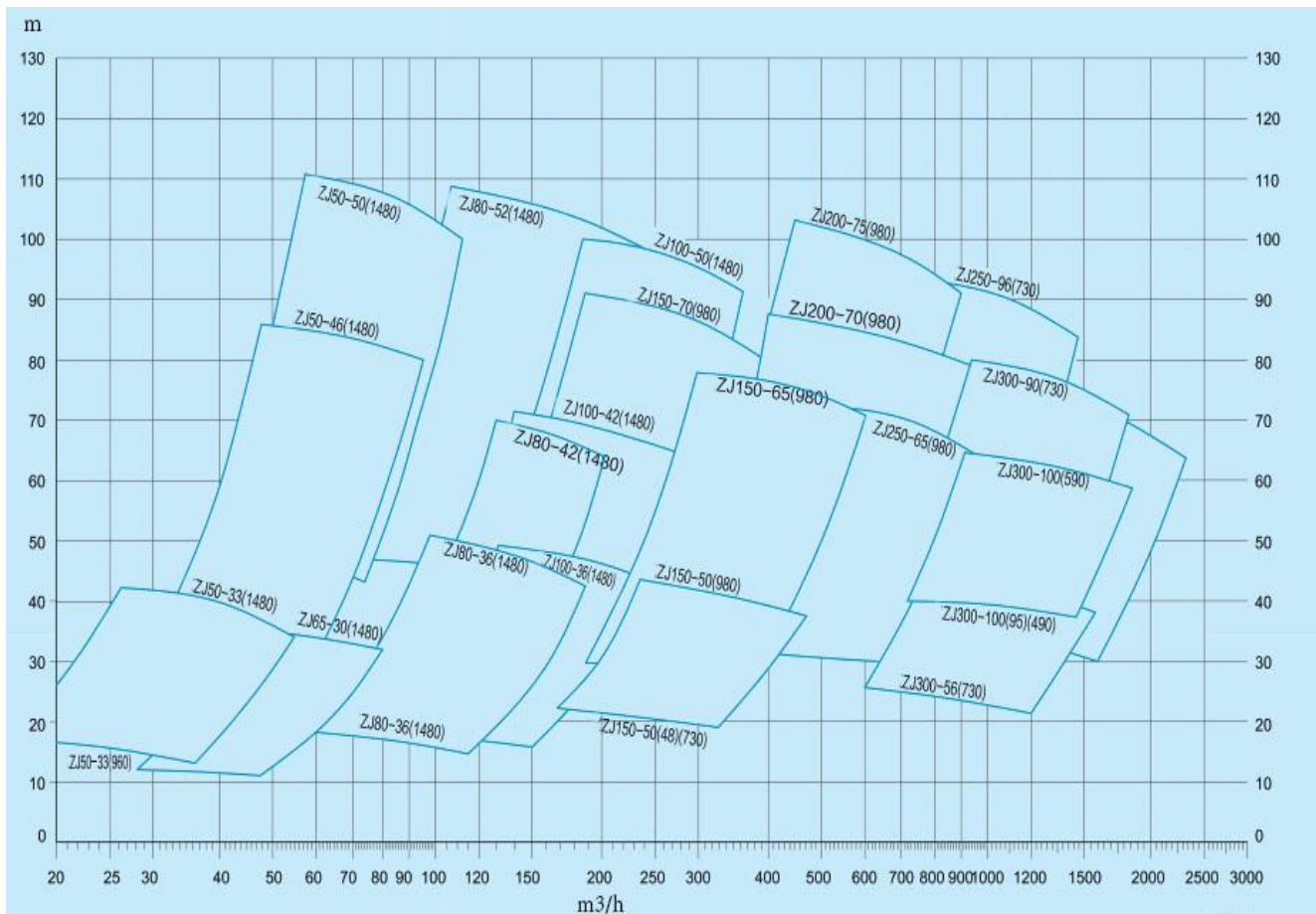
PERFORMANCE

Flow: 4-2700m³/h

Head: 4-133m

Power: 0.58-1200kw

Maximum solid particles: 7-220mm



HEBEI TONGDA PUMP CO.,LTD

Our quality and high-efficiency products as well as our understanding of customer requirements have made us a preferred partner for pumping solutions worldwide.

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