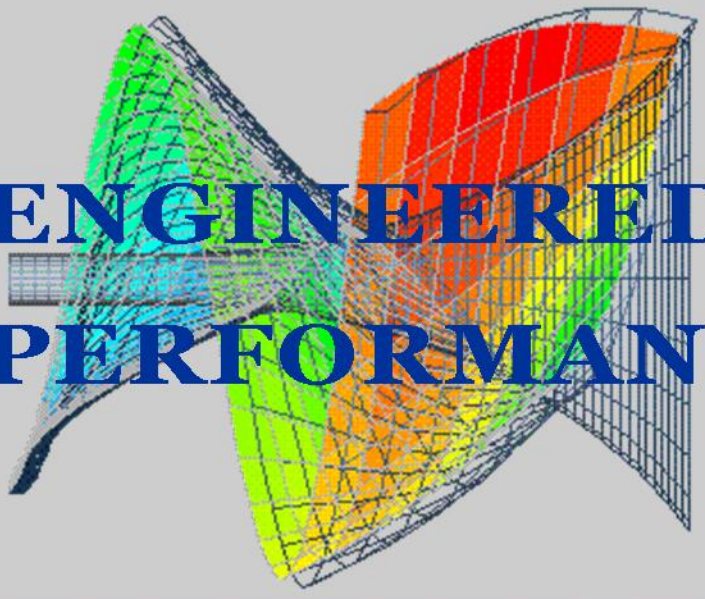
intMPE

International Mineral Processing Equipment



ENGINEERED PERFORMANCE

Industrial Series

API-610 & ANSI B73.1M

intMPE

International Mineral Processing Equipment

A Division of Canamera Enterprises Inc.


MPHPMSP (WATER INJECTION) & MPHHSP (SLURRY) PUMPS
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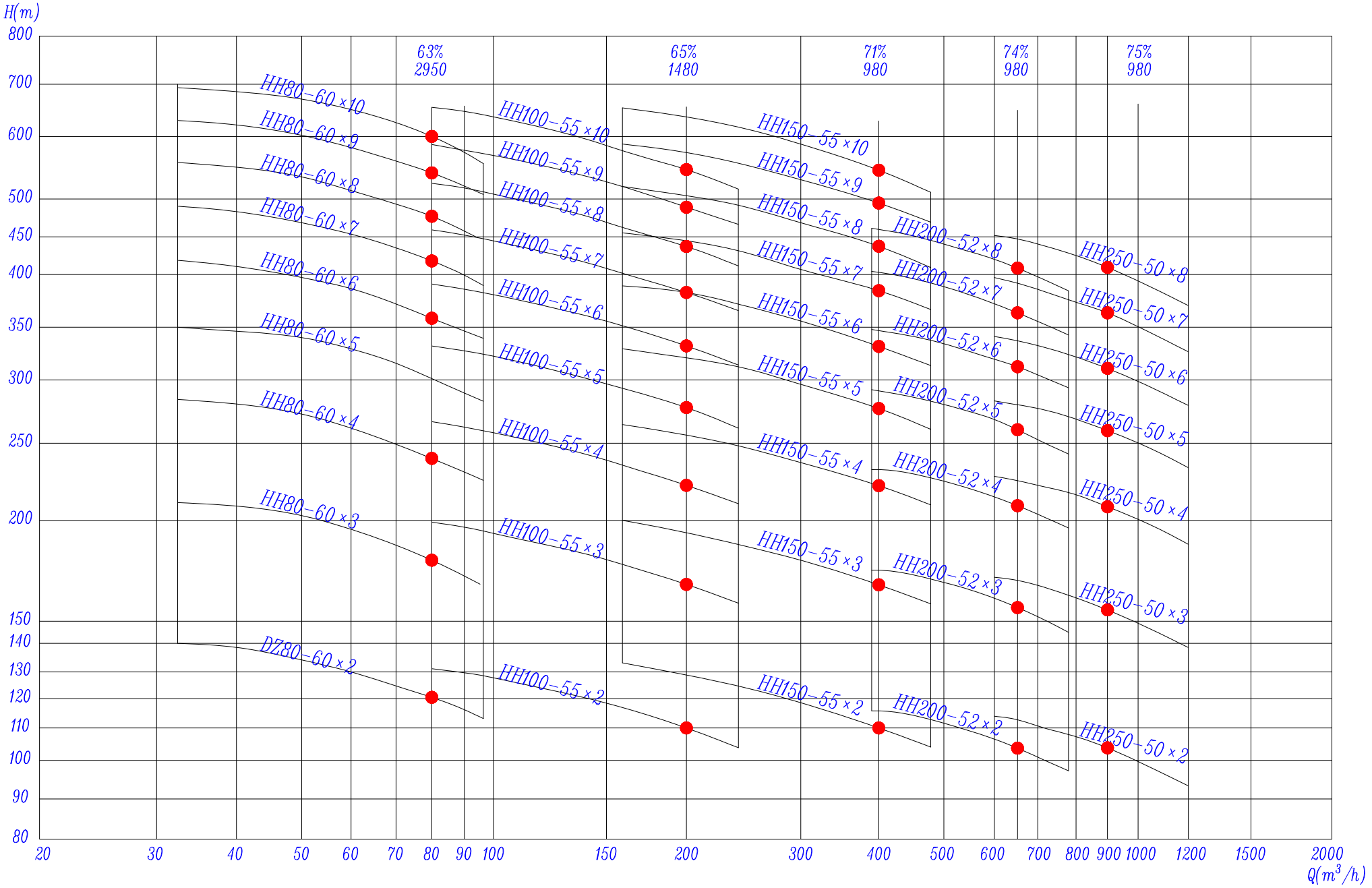


MPMSSP MULTISTAGE SLURRY PUMPS

Large Power, High Pressure, Multistage, Centrifugal Slurry Pump

General Description

HH type multistage slurry pump is applicable to deliver liquid including suspending fine solid particle (such as ash, sludge, gravel, and so on). It is used widely to deliver abrasive and corrosive slurry for departments of power, metallurgy, mining, coal, building material, chemical and so on, especially for delivering coal slurry in the process of coal & chemical program, ash water in power plant and slurry in mine. But temperature of media liquid shouldn't be higher than 100 centigrade. Solid particle's size can't be larger than 3mm and concentration can't be more than 30%.

HH series multistage slurry pump has advantages of advanced structure, high efficiency, excellent material, long service life, stable running, low noise, etc. Impellers are symmetrically so that axial force will be balanced basically.

Performance

Q= 50~1100m^3/h

H=120~650m

Code meaning

Example: HH80-60×5

HH-Multistage Pump
80-Outlet Diameter (mm)
60-Rated Head when single stage (m)
5-Quantity of Stage (5 impellers)

Pump Structure

HH series pump is a single casing horizontal sectional multistage pump. The low and high sections are placed symmetrically. All sections are tightly connected by a tension rod.

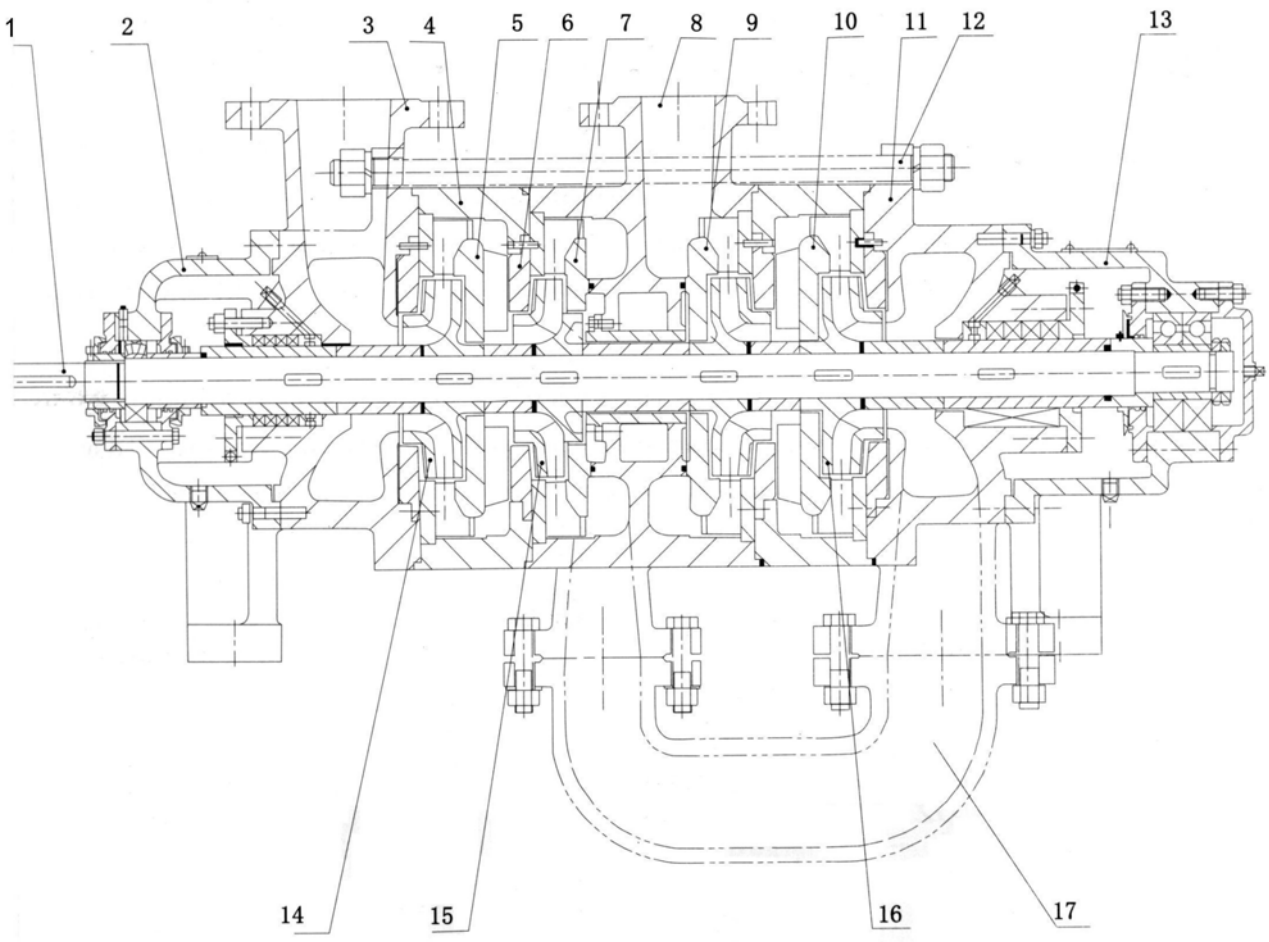
Pump's suction direction can be adjusted at left level, right level and upper vertical. Discharge can be adjusted at right level(see from drive end) and upper vertical.

Packing seal is adopted at low pressure side. Mechanical or packing seal is adoped at high pressure side according customer's requirement. Radial force is borne by roller bearings. Two angular contact ball bearings placed by back to back are used to limit axial position and to receive remaining axial force.

This pump is driven by motor through coupling rotates clockwise.

Basic Parameters of HH Series Pump

Type	Capacity(Q)		Head(H)	Speed(n)	Efficiency(η)	NPSH	Inlet Bore/Outlet Bore
	m^3/h	l/s	m	r/min	%	m	Mm/mm
HH80-60×2	80	22.2	120	2950	63	3.7	100/80
HH80-60×3			180				
HH80-60×4			240				
HH80-60×5			300				
HH80-60×6			360				
HH80-60×7			420				
HH80-60×8			480				
HH80-60×9			540				
HH80-60×10			600				
HH100-55×2	200	55.6	110	1480	65	3.1	150/100
HH100-55×3			165				
HH100-55×4			220				
HH100-55×5			275				
HH100-55×6			330				
HH100-55×7			385				
HH100-55×8			440				
HH100-55×9			495				
HH100-55×10			550				
HH150-55×2	400	111.1	110	1480	71	4.7	200/150
HH150-55×3			165				
HH150-55×4			220				
HH150-55×5			275				
HH150-55×6			330				
HH150-55×7			385				
HH150-55×8			440				
HH150-55×9			495				
HH150-55×10			550				
HH200-52×2	650	180.6	104	980	74	4	250/200
HH200-52×3			156				
HH200-52×4			208				
HH200-52×5			260				
HH200-52×6			312				
HH200-52×7			364				
HH200-52×8			416				
HH250-50×2	900	250	100	980	75	4.7	300/250
HH250-50×3			150				
HH250-50×4			200				
HH250-50×5			250				
HH250-50×6			300				
HH250-50×7			350				
HH250-50×8			400				



1. Shaft	**2. Bearing Part**	**3. Inlet**	**4. Intermediate Section**
5. Guide Vane	**6. Liner Plate**	**7. Guide Vane**	**8. Outlet**
9. Guide Vane	**10. Guide Vane**	**11. High Pressure Section**	**12. Tension Rod**
13. Bearing Part	**14. Impeller**	**15. Impeller**	**16. Impeller**
17. Interstage Connection			