

VERTICAL MULTISTAGE PUMPS - TYPE WXH - IL

APPLICATIONS

WPIL Vertical Multistage Centrifugal Pumps Type **WXH-IL** are Designed for a wide range of applications

- Water Supply Systems
- Water Circulation / Transfer
- Agriculture
- Boiler Feeding
- Ship Building
- Water Treatment Plants
 And many other applications

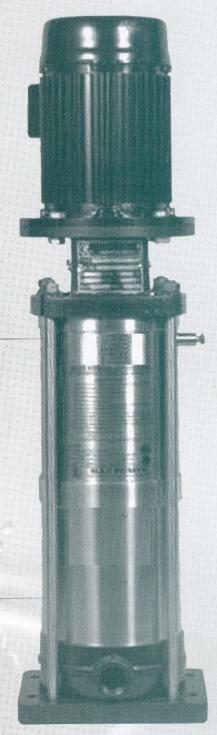
PUMPS

The pumps are non-self priming Vertical Multistage Centrifugal pumps designed to occupy minimum floor Space. Un-like other pumps with sheet metal and plastic fabricated components, our Pumps have components all cast in various metals like Cast Iron, Bronze, Stainless Steel 304 & 316 Excessive Axial thrust is balanced by assembling the Pump stages with equal number of opposed Impellers. Balancing of axial thrust allows the use of standard Flange Mounted Motor Without special bearings. Pressure on Mechanical Seal reduces to half the working pressure due to oppsoed Impellers. The Shaft is well supported in bush Bearings making operation

PUMPED LIQUIDS

noise less. The Maintenance is easy & in expensive.

The Pumps are primarily designed to handle water and are suitable for handling hot & cold water in water Supply systems for Domestic and Industrial use.





WPIL VERTICAL MULTISTAGE PUMPS - WXH-IL

DESIGN DETAILS

Direction of Rotation

Clock wise looking from the motor at the pump.

Shaft Sealing

The Shaft is sealed by means of a Mechanical Seal.

Carbide Bushes

The Bottom casing is fitted with T. C. Bushes

Casing Gasket

The Outer Shell is sealed by means of flat gaskets.

MOTOR

The pumps is coupled with a Electric Motor, which is totally enclosed, fan cooled Squirrel-cage motor.

Nominal Speed

2900rpm

Enclosure Class

IP 55.

Standard Voltages

1 X 220 240V

3 X 380 415V

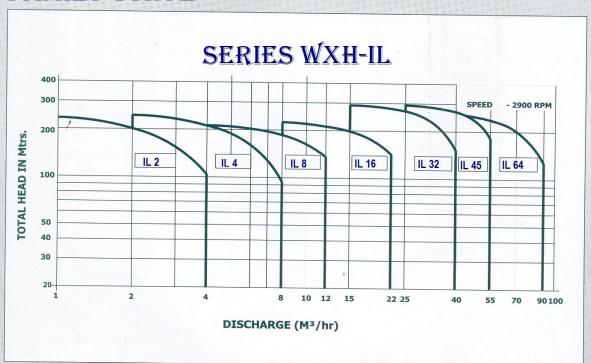
Single-phase Motors have a built in thermal overload protection.

Three phase Motors should be protected by a suitable Motor starter as per local regulations.

MOTOR OPTIONS

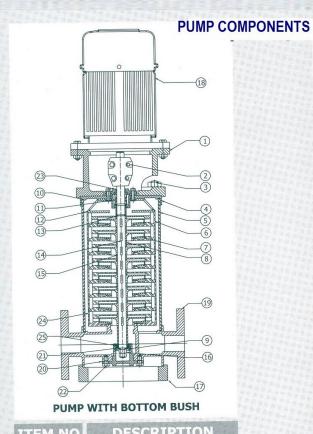
Standard pumps are fitted with Motor adaptor suitable for mounting Vertical Flange Mounting V-1 frame Motor, Special motor adaptor can be provided to suite other specification.

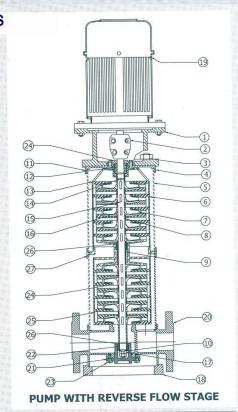
FAMILY CURVE





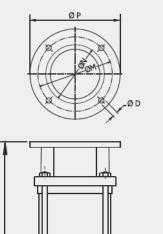
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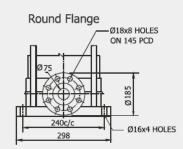
ITEM NO	DESCRIPTION
1	MOTOR ADAPTOR
2	RIGID COUPLING
3	TIE ROD & NUT
4	TOP PLATE
5	OUTER SHELL
6	DIFFUSER
7	IMPELLER
8	SHAFT SLEEVE
9	LOCK WASHER
10	RUBBER GASKET
11	MECHANICAL SEAL
12	TOP DIFFUSER
. 13	LOCK RING
14	KEY
15	SHAFT
16	LOCK NUT
17	BASE PLATE
18	MOTOR
19	BOTTOM
	CASING(BASE)
20	BUSH HOUSING
21	BOTTOM BUSH
22	HOUSING BOLTS
23	MECH.SEAL JACKET
24	BOTTOM DIFFUSER
25	T C BUSH

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21	BUSH HOUSING
22	BOTTOM BUSH
23	HOUSING BOLTS
24	MECH. SEAL JACKET
25	BOTTOM DIFFUSER
26	T C BUSH
27	REVERSE FLOW STAGE





MATERIALS					
CAST IRON (RCP)	CI / SS (RCPS)	SS - 304 (RCSS)	SS - 316 (RCSSN)		
CI	CI	CI	CI		
CF8(e)	CF8(e)	CF8(e)	CF8M		
CI	CF8(e)	CF8(e)	CF8M		
CF8(e)	CF8(e)	CF8(e)	CF8M		
SS-410	SS-410	SS-304	SS-316		
CI	CI	CF8(e)	CF8M		
SS-304	SS-304	SS-304	SS-316		
CI	CI	CI	CI		
	(RCP) CI CF8(e) CI CF8(e) SS-410 CI SS-304	CAST IRON (RCP) CI / SS (RCPS) CI CI CF8(e) CF8(e) CI CF8(e) CF8(e) CF8(e) SS-410 SS-410 CI CI SS-304 SS-304	CAST IRON (RCP) CI / SS (RCPS) SS - 304 (RCSS) CI CI CI CI CF8(e) CF8(e) CF8(e) CF8(e) CF8(e) CF8(e) CF8(e) CF8(e) CF8(e) CF8(e) CF8(e) CF8(e) SS-410 SS-304 SS-304 SS-304		



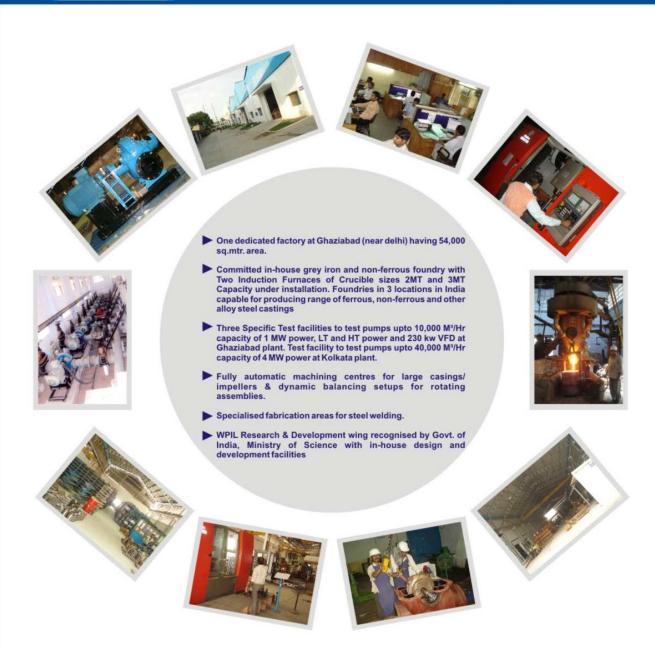
TECHNICAL DATA

Ø16x4 HOLES

VERTICAL MULTISTAGE CENTRIFUGAL PUMPS SERIES

PUMP	МС	OTOR		PUMP DIMENSIONS IN MM			VOLUME		
TYPE	FRAME SIZE	KW	НР	А	D	М	N	Р	M³
-32-10	90	2.2	3.0	358	14	165	130	200	0.087
-32-20	132	5.5	7.5	430	16	265	230	300	0.102
-32-30	132	5.5	7.5	472	16	265	230	300	0.110
-32-40	132	7.5	10.0	514	16	265	230	300	0.119
-35-50R	160	11.0	15.0	629	16	300	250	350	0.142
·32-60R	160	11.0	15.0	671	16	300	250	350	0.151
-32-70R	160	15.0	20.0	713	16	300	250	350	0.159
·32-80R	160	15.0	20.0	755	16	300	250	350	0.168
-32-90R	160	18.5	25.0	797	16	300	250	350	0.176
·32-100R	160	18.5	25.0	839	16	300	250	350	0.185
16-110R	180	22.0	30.0	881	16	300	250	350	0.193
·32-120R	180	22.0	30.0	923	16	300	250	350	0.202
-32-130R	200	30.0	40.0	965	19	350	300	400	0.260
·32-140R	200	30.0	40.0	1007	19	350	300	400	0.270
-32-150R	200	30.0	40.0	1049	19	350	300	400	0.280
·32-160R	200	33.0	45.0	1091	19	350	300	400	0.290

Pumps with opposed Impellers









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