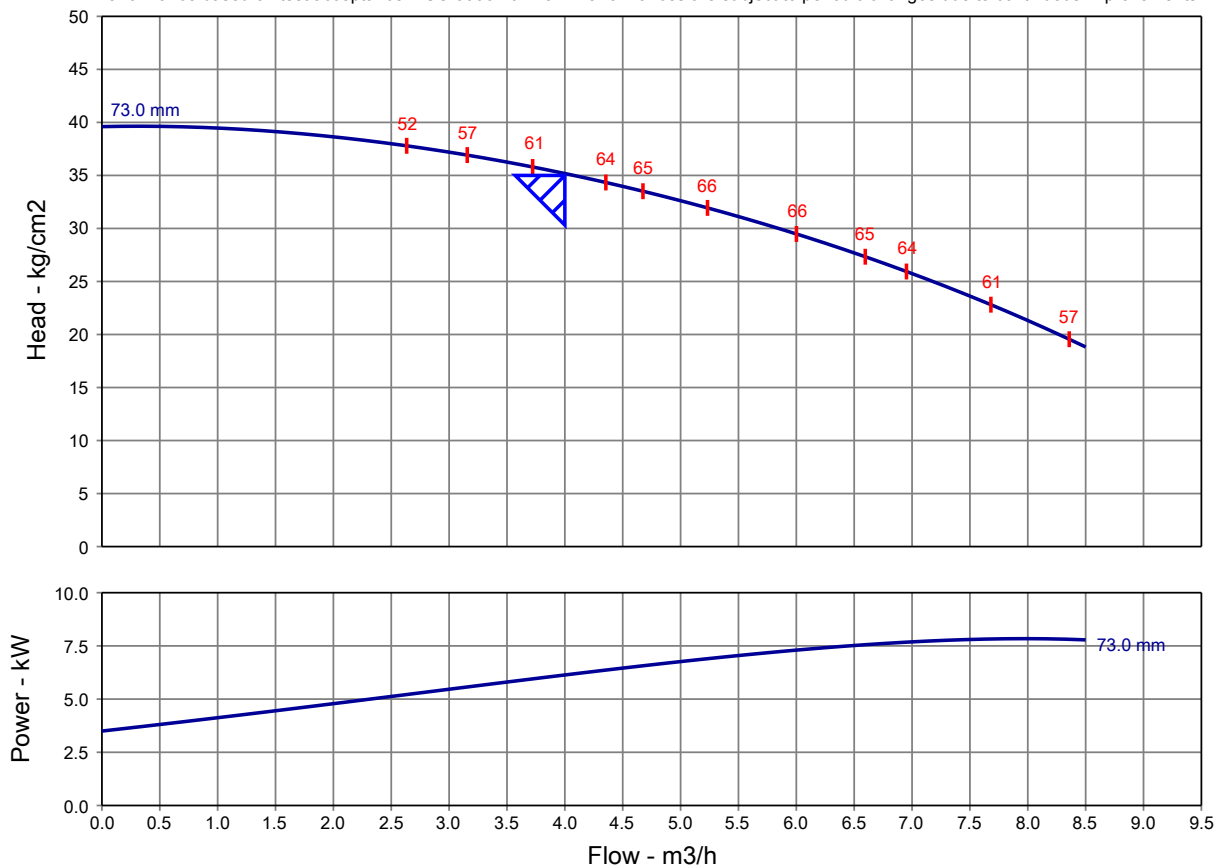


Pump Performance Datasheet

Customer	:	Quote number	: 456323
Customer reference	:	Size	: LCRNH5-34 + LCRN5-24
Item number	: 4 m3/hr @ 35 Kg/cm2	Stages	: 24
Service	: HPP	Based on curve number	: LCRNH5-34-2-50 + LCRN5-24-2-50
Quantity	: 1	Date last saved	: 22 Apr 2021 6:12 PM

Operating Conditions		Liquid	
Flow, rated	: 4.00 m3/h	Liquid type	: Water
Differential head / pressure, rated (requested)	: 35.00 kg/cm2	Additional liquid description	:
Differential head / pressure, rated (actual)	: 35.18 kg/cm2	Solids diameter, max	: 0.0 mm
Suction pressure, rated / max	: 0.00 / 0.00 bar.g	Solids concentration, by volume	: 0.00 %
NPSH available, rated	: Ample	Temperature, max	: 20.00 deg C
Site Supply Frequency	: 50 Hz	Fluid density, rated / max	: 0.999 / 0.999 kg/dm3
Performance		Viscosity, rated	: 1.00 cSt
Speed criteria	: Synchronous	Vapor pressure, rated	: 0.00 bar.a
Speed, rated	: 2900 rpm	Material	
Impeller diameter, rated	: 73.0 mm	Material selected	: Standard
Impeller diameter, maximum	: 73.0 mm	Pressure Data	
Impeller diameter, minimum	: 73.0 mm	Maximum working pressure	: 38.87 bar.g
Efficiency	: 62.50 %	Maximum allowable working pressure	: 50.00 bar.g
NPSH required / margin required	: - / 0.00 m	Maximum allowable suction pressure	: 25.00 bar.g
nq (imp. eye flow) / S (imp. eye flow)	: 17 / - Metric units	Hydrostatic test pressure	: 75.00 bar.g
MCSF	: -	Driver & Power Data (@Max density)	
Head, maximum, rated diameter	: 39.64 kg/cm2	Driver sizing specification	: Maximum power
Head rise to shutoff	: 12.56 %	Margin over specification	: 0.00 %
Flow, best eff. point	: 5.61 m3/h	Service factor	: 1.00
Flow ratio, rated / BEP	: 71.26 %	Power, hydraulic	: 3.83 kW
Diameter ratio (rated / max)	: 100.00 %	Power, rated	: 6.13 kW
Head ratio (rated dia / max dia)	: 100.00 %	Power, maximum, rated diameter	: 7.84 kW
Cq/Ch/Ce/Cn [ANSI/HI 9.6.7-2010]	: 1.00 / 1.00 / 1.00 / 1.00	Minimum recommended motor rating	: 9.69 kW / 13.00 hp
Selection status	: Acceptable		

Performance based on test acceptance - ISO 9906:2012 3B. Performances are subject to periodic changes due to continuous improvements.



Customer:		Quote number:	456323
Customer reference:		Size:	LCRNH5-34 + LCRN5-24
Item number:	4 m3/hr @ 35 Kg/cm2	Stages:	24
Service:	HPP	Quoted by (SO / SE):	indmh@lubipumps.com
Quantity:	1	Date last saved:	22 Apr 2021 6:12 PM



Dimensions and Weights																																	
B1 (High Pressure Pump)	B1+B2 (High Pressure Pump)	D1 (High Pressure Pump)	D2 (High Pressure Pump)	D3 (High Pressure Pump)	B1 (Feed Pump)	B1+B2 (Feed Pump)	D1 (Feed Pump)	D2 (Feed Pump)	D3 (Feed Pump)	H	L	L1	L2	H1	L3	L4	D4	D5	D8	D9	D10	n	d	N	D	Priming Plug Size	Drain Plug Size	I	I1	I2	Net Weight	Gross Weight	Volume
1,202	1,612	262	177	300	902	1,252	220	150	-	50.0	210	150	100	22.0	210	180	-	-	-	-	42.2	-	-	4 nos.	13.0	G ½	G ½	250	246	266	140.0	215.0	0.749