

## Pump Performance Datasheet

Customer :	Quote number :	792628
Customer reference :	Size :	LES 032-250
Item number : Default	Stages :	1
Service :	Based on curve number :	LES 50-32-250-2-50 Rev 01/08-22
Quantity : 1	Date last saved :	29 Sep 2023 2:32 PM
<b>Operating Conditions</b>		<b>Liquid</b>
Flow, rated :	Liquid type :	Water
Differential head / pressure, rated (requested) :	Additional liquid description :	
Differential head / pressure, rated (actual) :	Solids diameter, max :	0.0 mm
Suction pressure, rated / max :	Solids concentration, by volume :	0.00 %
NPSH available, rated :	Temperature, max :	20.00 deg C
Site Supply Frequency :	Fluid density, rated / max :	0.999 / 0.999 kg/dm3
	Viscosity, rated :	1.00 cSt
	Vapor pressure, rated :	0.00 bar.a
<b>Performance</b>		<b>Material</b>
Speed criteria :	Material selected :	Standard
Speed, rated :	<b>Pressure Data</b>	
Impeller diameter, rated :	Maximum working pressure :	6.56 bar.g
Impeller diameter, maximum :	Maximum allowable working pressure :	16.00 bar.g
Impeller diameter, minimum :	Maximum allowable suction pressure :	2.50 bar.g
Efficiency :	Hydrostatic test pressure :	24.00 bar.g
NPSH required / margin required :	<b>Driver &amp; Power Data (@Max density)</b>	
nq (imp. eye flow) / S (imp. eye flow) :	Driver sizing specification :	Maximum power
MCSF :	Margin over specification :	0.00 %
Head, maximum, rated diameter :	Service factor :	1.00 (used)
Head rise to shutoff :	Power, hydraulic :	3.04 kW
Flow, best eff. point :	Power, rated :	7.27 kW
Flow ratio, rated / BEP :	Power, maximum, rated diameter :	8.89 kW
Diameter ratio (rated / max) :	Minimum recommended motor rating :	9.32 kW / 12.50 hp
Head ratio (rated dia / max dia) :		
Cq/Ch/Ce/Cn [ANSI/HI 9.6.7-2010] :		
Selection status :		

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

