

Pump Performance Datasheet

Customer :	Quote number : 792628
Customer reference :	Size : LES 065-315
Item number : Default	Stages : 1
Service :	Based on curve number : LES 80-65-315-4-60
Quantity : 1	Date last saved : 29 Sep 2023 1:28 PM

Operating Conditions	Liquid
Flow, rated : 180.0 m3/h	Liquid type : Water
Differential head / pressure, rated (requested) : 130.0 m	Additional liquid description :
Differential head / pressure, rated (actual) : 130.2 m	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
	Viscosity, rated : 1.00 cSt
	Vapor pressure, rated : 0.00 bar.a

Performance	Material
Speed criteria : Synchronous	Material selected : Standard
Speed, rated : 2915 rpm	
Impeller diameter, rated : 326 mm	
Impeller diameter, maximum : 329 mm	
Impeller diameter, minimum : 270 mm	
Efficiency : 70.05 %	
NPSH required / margin required : 20.18 / 0.00 m	
nq (imp. eye flow) / S (imp. eye flow) : 15 / 80 Metric units	
MCSF : -	
Head, maximum, rated diameter : 155.7 m	
Head rise to shutoff : 19.59 %	
Flow, best eff. point : 163.8 m3/h	
Flow ratio, rated / BEP : 109.90 %	
Diameter ratio (rated / max) : 99.09 %	
Head ratio (rated dia / max dia) : 97.57 %	
Cq/Ch/Ce/Cn [ANSI/HI 9.6.7-2010] : 1.00 / 1.00 / 1.00 / 1.00	
Selection status : Acceptable	

