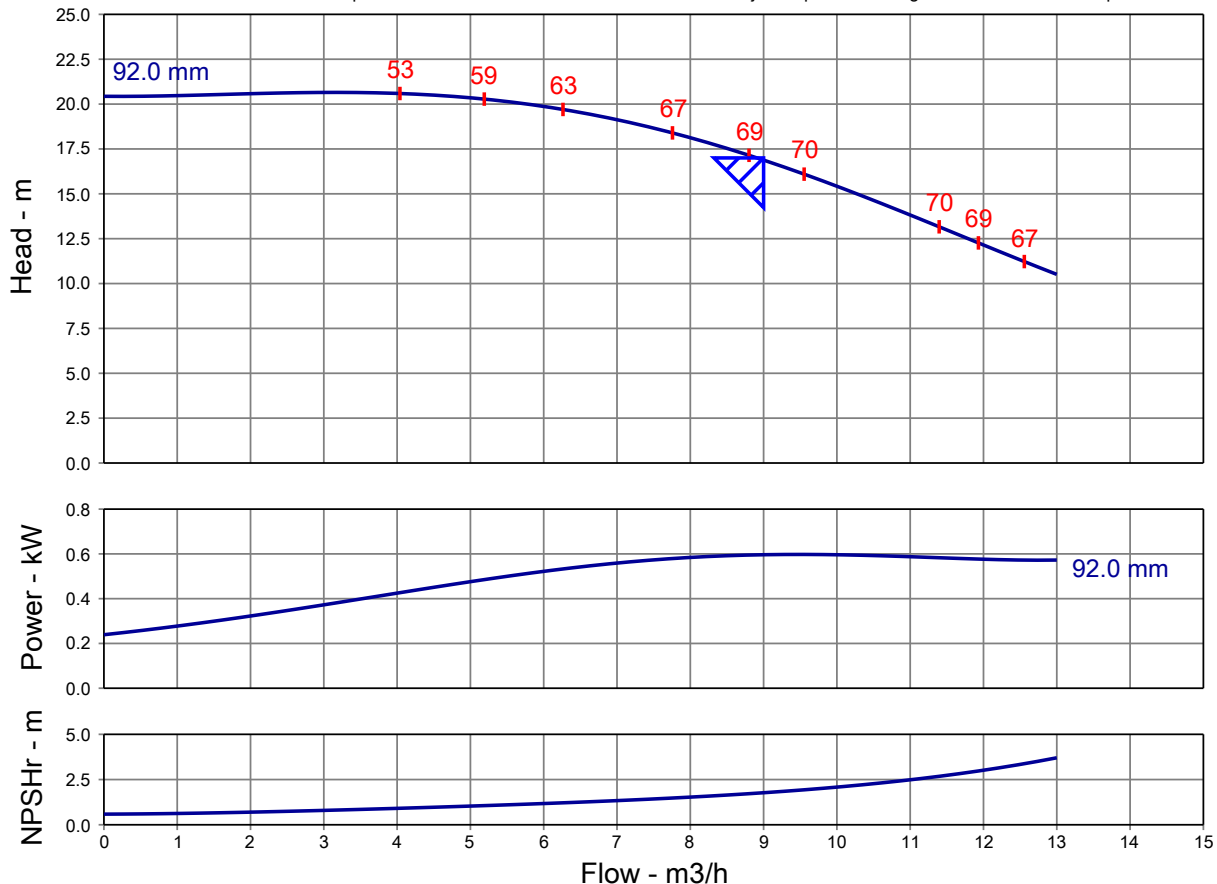


Pump Performance Datasheet

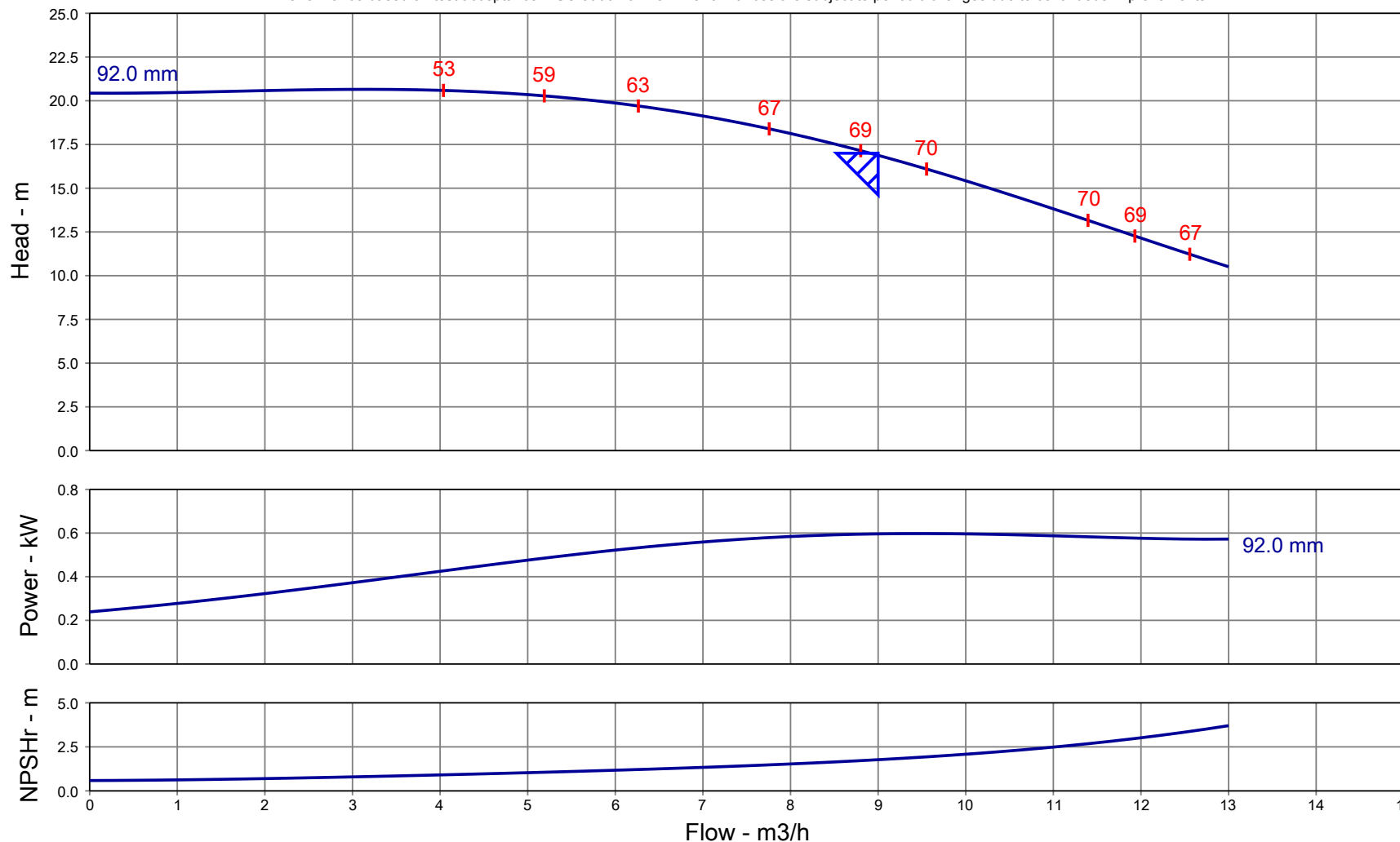
Customer : Customer reference : Item number : Default Service : Quantity : 1	Quote number : Size : LCR10-02 Stages : 2 Based on curve number : LCR10-02-2-50 Date last saved : 01 Nov 2023 12:10 PM
Operating Conditions	Liquid
Flow, rated : 9.00 m3/h Head, rated (requested) : 17.00 m Head, rated (actual) : 16.88 m Suction pressure, rated / max : 0.00 / 0.00 bar.g NPSH available : Ample Site Supply Frequency : 50 Hz	Liquid type : Water Additional liquid description : Solids diameter, max : 0.0 mm Solids concentration, by volume : 0.00 % Temperature : 20.00 deg C Fluid density : 0.999 / 0.999 kg/dm3 Viscosity : 1.00 cSt Vapor pressure, rated : 0.00 bar.a
Performance	Material
Speed criteria : Synchronous Speed : 2900 rpm Impeller dia. : 92.0 mm Impeller diameter, maximum : 92.0 mm Impeller diameter, minimum : 92.0 mm Efficiency : 69.30 % NPSH required / margin required : 1.77 / 0.00 m nq (imp. eye flow) / S (imp. eye flow) : 35 / 85 Metric units MCSF : - Head max. : 20.65 m Head rise to shutoff : 21.05 % Flow, best eff. point : 10.53 m3/h Flow ratio, rated / BEP : 85.44 % Diameter ratio (rated / max) : 100.00 % Head ratio (rated dia / max dia) : 100.00 % Cq/Ch/Ce/Cn [ANSI/HI 9.6.7-2010] : 1.00 / 1.00 / 1.00 / 1.00 Selection status : Near miss	Material selected : Standard
	Pressure Data
	Maximum working pressure : 2.02 bar.g Maximum allowable working pressure : 16.00 bar.g Maximum allowable suction pressure : 8.00 bar.g Hydrostatic test pressure : 24.00 bar.g
	Driver & Power Data (@Max density)
	Driver sizing specification : Maximum power Margin over specification : 0.00 % Service factor : 1.00 Power, hydraulic : 0.41 kW Power, rated : 0.60 kW Power, maximum : 0.60 kW Motor rating : 0.75 kW / 1.00 hp

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



Pump Performance Curve

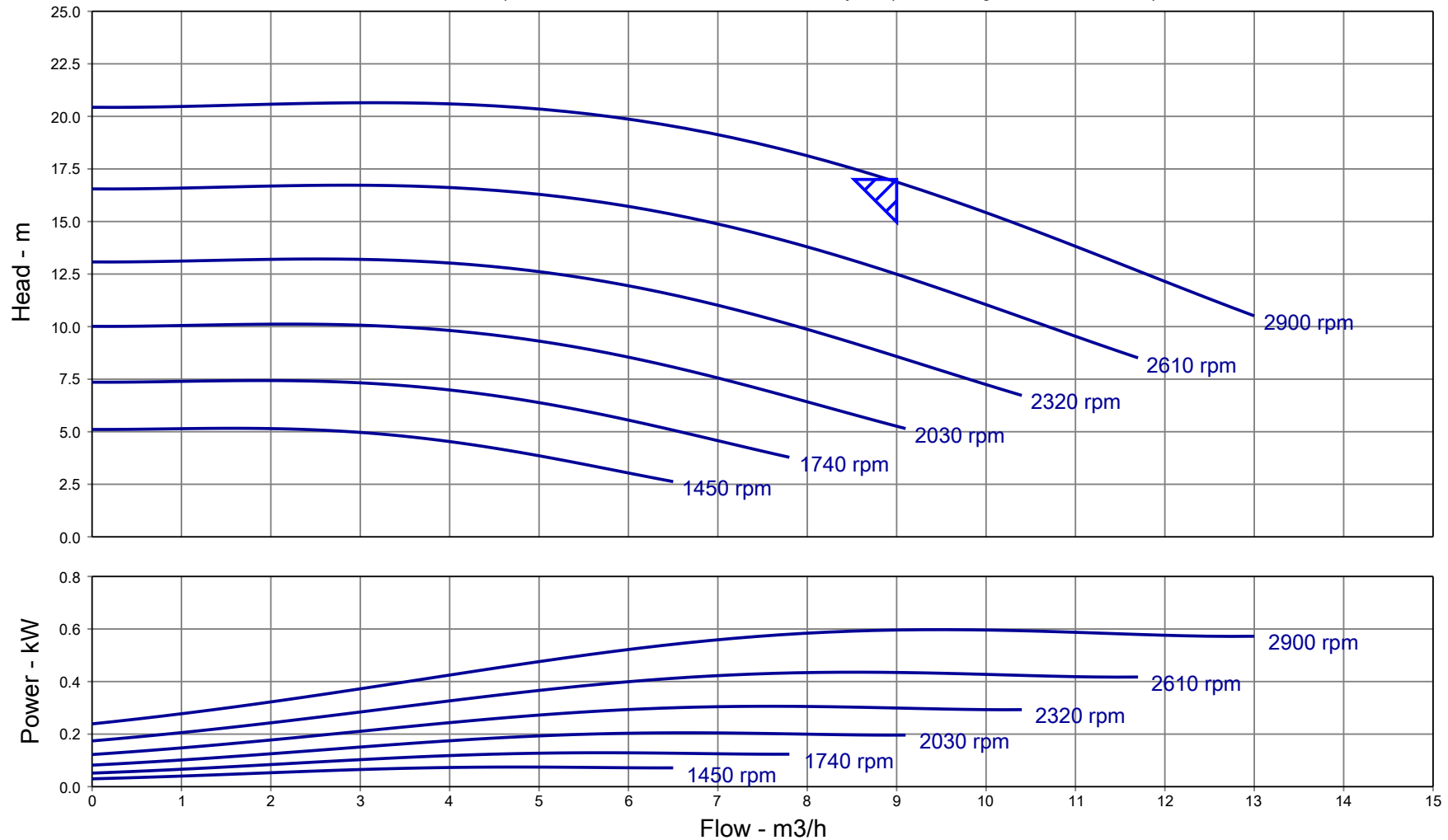
Performance based on test acceptance - ISO 9906:2012 3B. Performances are subject to periodic changes due to continuous improvements.



Customer :	Size : LCR10-02	Flow, rated : 9.00 m3/h
Customer reference :	Stages : 2	Head, rated : 17.00 m
Item number : Default	Speed : 2900 rpm	Fluid density : 0.999 / 0.999 kg/dm3
Service :	Based on curve number : LCR10-02-2-50	Viscosity : 1.00 cSt
Quantity : 1	Efficiency : 69.30 %	Cq/Ch/Ce/Cn [ANSI/HI 9.6.7-2010] : 1.00 / 1.00 / 1.00 / 1.00
Quote number :	Power, rated : 0.60 kW	
Date last saved : 01 Nov 2023 12:10 PM	NPSH required : 1.77 m	

Multi-Speed Performance Curve

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



Customer :	Stages :	Nominal speed :
Customer reference :	Based on curve number :	Flow, rated :
Item number : Default	Efficiency : 69.30 %	Head, rated : 17.00 m
Service :	Power, rated : 0.60 kW	Speed : 2900 rpm
Quantity : 1	NPSH required : 1.77 m	Impeller dia. : 92.0 mm
Quote number :	Site Supply Frequency : 50 Hz	Fluid density : 0.999 / 0.999 kg/dm ³
Date last saved : 01 Nov 2023 12:10 PM		Viscosity : 1.00 cSt
Size : LCR10-02		Cq/Ch/Ce/Cn [ANSI/HI 9.6.7-2010] : 1.00 / 1.00 / 1.00 / 1.00