



Company		Date	18/01/2021
Project		Item	
Pump	SKMV-H 50C/5	Ref No.	

Liquid Data

Liquid	Water	Density	998.30 kg/m ³
Temperature	20 °C	Viscosity	1.005 mm ² /s
Vapor Pressure	2.2045 kPa	pH Value	7

Operating Point Data

Capacity	37.0 m ³ /h	NPSHr	3.1 m
Head	40.0 m	Motor Power	7.50 kW
Efficiency (%)	61.1	Speed	1450 rpm
Power at Duty Point	6.5 kW	Frequency	50 Hz
Impeller Diameter	Ø 175.3	Shut Off Head	55.8 m

Pump Data

Design	Vertical, ring section, multistage centrifugal pump with its own bearing bracket		
Installation	Vertical	Direction Of Rotation	Counter clockwise
Suction Flange	EN 1092-2-PN16-DN 65	Impeller Type	Radial impeller
Discharge Flange	EN 1092-2-PN40-DN 50	Pump Weight	0 kg
		Impeller construction	

Shaft Sealing

Type	Mechanical Seal	Material	
Make	Standart		

Materials

Suction Casing	GG25 / 0.6025 / A48 40B
Discharge Casing	GG25 / 0.6025 / A48 40B
Stage Casing	GG25 / 0.6025 / A48 40B
Diffuser	GG25 / 0.6025 / A48 40B
Impeller	G-CuSn10 / 2.1050.01 / B584 C90700
Shaft	X20Cr13 / 1.4021 / A276 Type 420
Shaft Protecting Sleeve	X20Cr13 / 1.4021 / A276 Type 420
Wear Ring (Casing)	-
Motor Pedestal	GG25 / 0.6025 / A48 40B

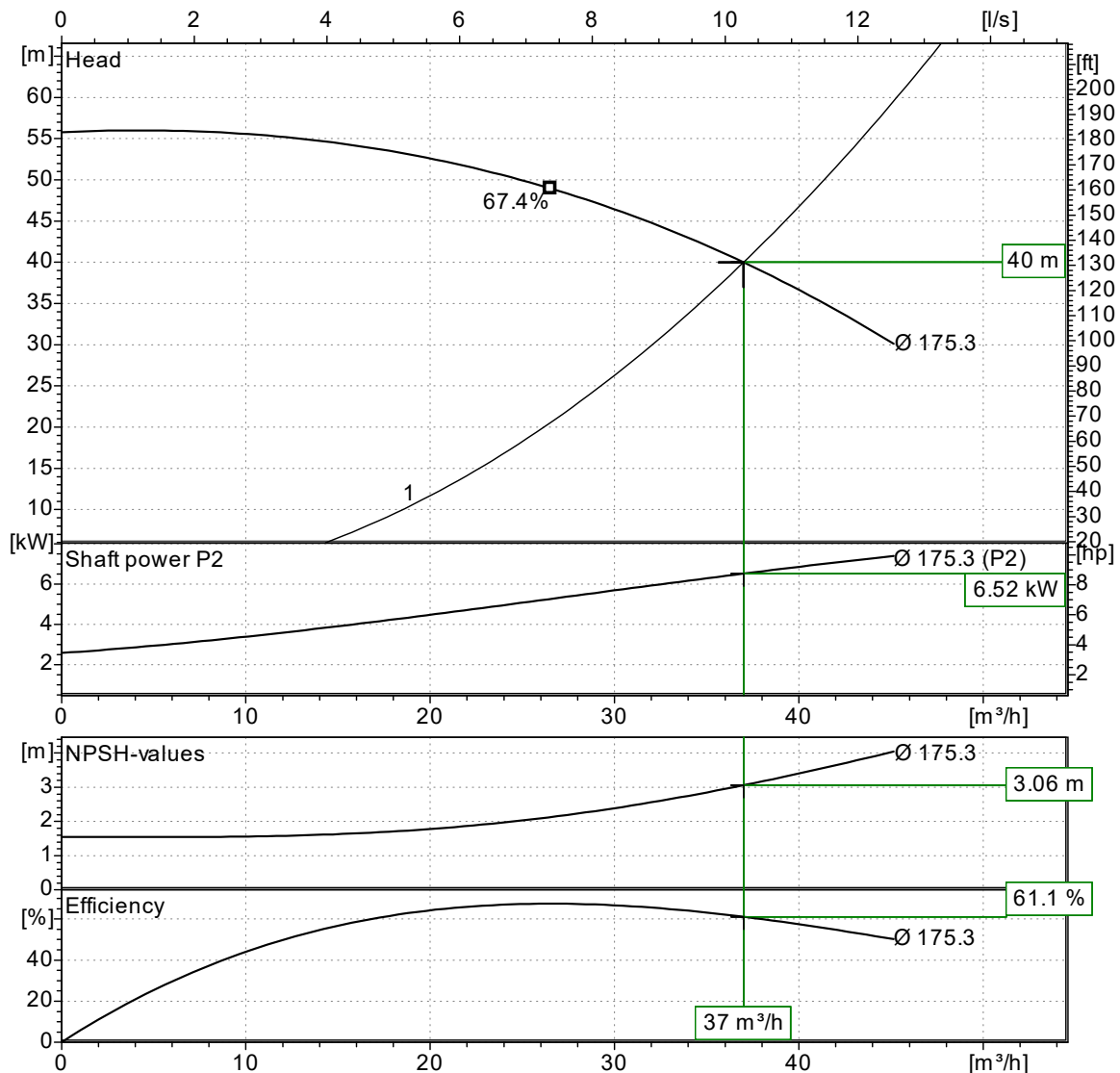
Created by :



Company		Date	18/01/2021
Project		Item	
Pump	SKMV-H 50C/5	Ref No.	

Operating Point Data

Capacity:	37.0 m ³ /h	NPSHr:	3.1 m
Head:	40.0 m	Motor Power:	7.50 kW
Efficiency (%):	61.1	Speed:	1450 rpm
Power at Duty Point:	6.5 kW	Frequency:	50 Hz
Max. Shaft Power:	7.4 kW	Density:	998.30 kg/m ³



Curves compatible with ISO 9906:2012 Gr 3B

NPSHa > NPSHr + 1m

Created by: