

DATA SHEET

Company		Date	06/03/2023
Project		Item	
		Ref No.	

PC 65-200-2K

Horizontal, single-stage, wide volute casing, end suction, foot-mounted pump

Operating Point Data

Capacity	:	Power at Duty Point	:
Head	:	Frequency	: 50 Hz
Efficiency (%)	:	Voltage	: 380 V
Impeller Diameter	: 200 mm	Motor Power	: 30.00 kW
NPSHr	:	Nominal Speed	: 3000 rpm
Shut Off Head	: 62.0 m		

Liquid Data

Liquid	: Water	Density	: 998.30 kg/m ³
Temperature	: 20 °C	Viscosity	: 1.005 mm ² /s

Pump Data

Design	: Wide volute casing, End suction	Type of Coupling	: Standard
Installation	: Horizontal	Direction Of Rotation	: Clockwise from the drive end
Suction Flange	: EN 1092 PN 10-DN 80	Impeller construction	: Closed
Discharge Flange	: EN 1092 PN 10-DN 65	Type of Bearing	: Closed Type Bearing
Free Passage	: 44 mm	Type of Shaft Sealing	: Soft Packing

Materials

Volute Casing	0.6025 / GG25 / EN-GJL-250 / ASTM A48 Class 40B
Casing Cover	0.6025 / GG25 / EN-GJL-250 / ASTM A48 Class 40B
Impeller	0.6025 / GG25 / EN-GJL-250 / ASTM A48 Class 40B
Shaft	1.0503 / C45 / AISI 1045
Bearing Housing	0.6025 / GG25 / EN-GJL-250 / ASTM A48 Class 40B
Spacer Sleeve	1.0503 / C45 / AISI 1045

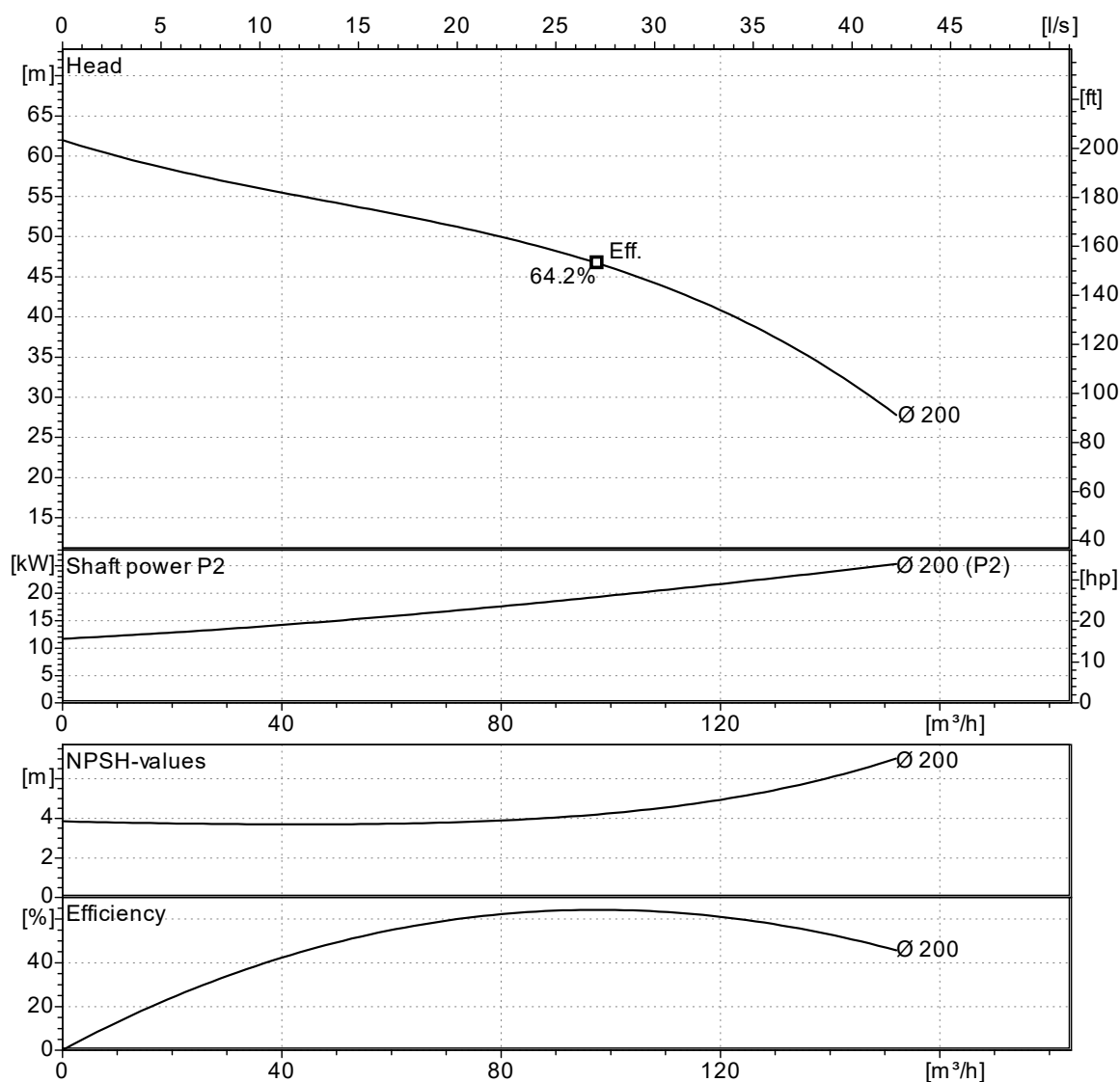
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Capacity:		NPSHr:	
Head:		Motor Power:	30.00 kW
Efficiency (%):		Nominal Speed:	3000 rpm
Power at Duty Point:		Frequency:	50 Hz
Viscosity:	1.005 mm ² /s	Density:	998.30 kg/m ³
Free Passage:	44 mm		



Curves compatible with ISO 9906:2012 Gr 3B

NPSHa > NPSHr + 1m

Note : The motor power is not sufficient for dotted area.

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Motor Data

Efficiency Level : -

Motor type : Three-Phase Asynchronous Motor

Motor Power : 30.0 kW

Rated Speed : 2950 rpm

Voltage : 380 V

Rated Current : 0.00 A

Frequency : 50 Hz

Motor Phase : 3

Service Factor : 1.15

Insulation Class : F

Degree of Protection : IP 55

Efficiency : - %

Power factor : 0.00