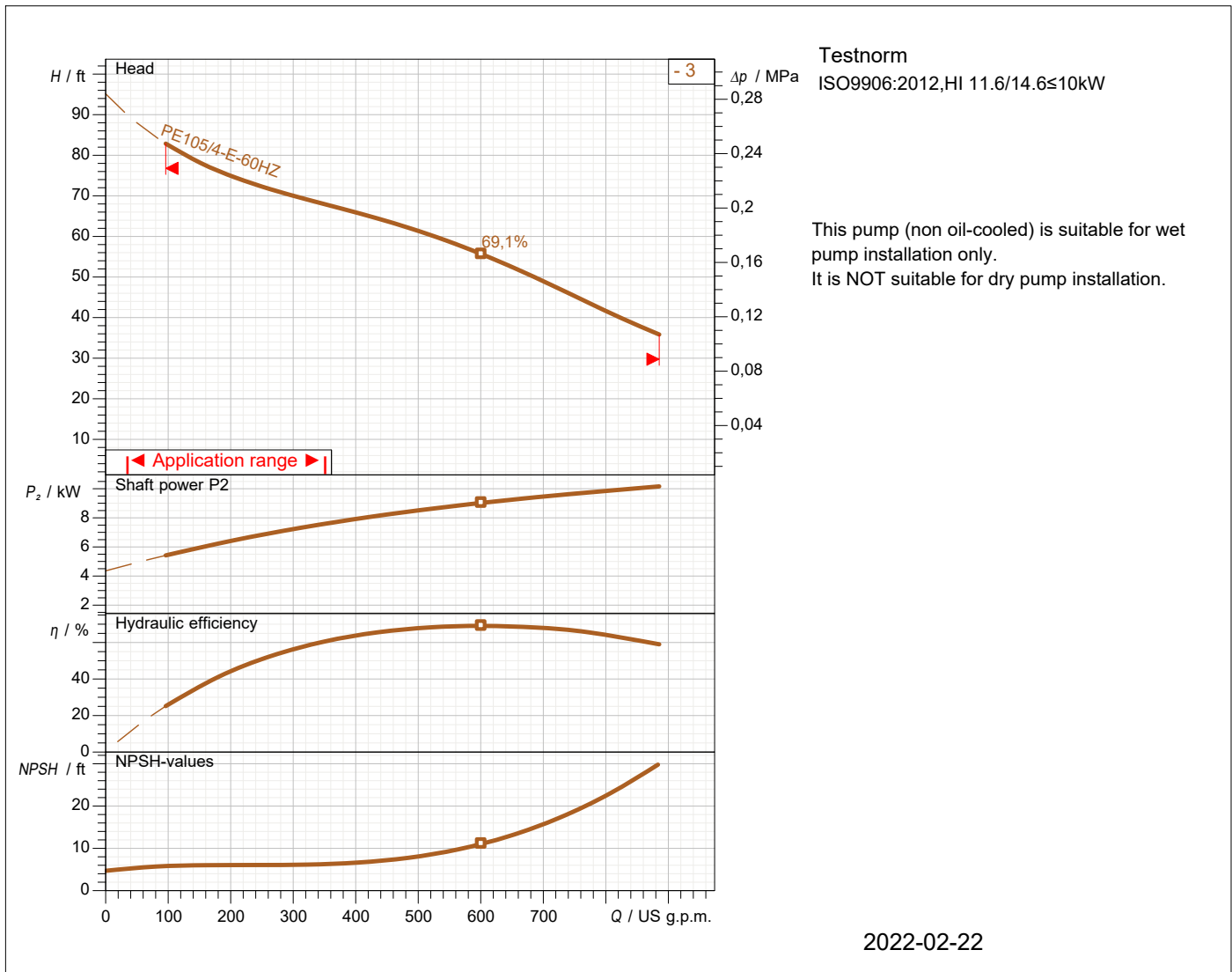


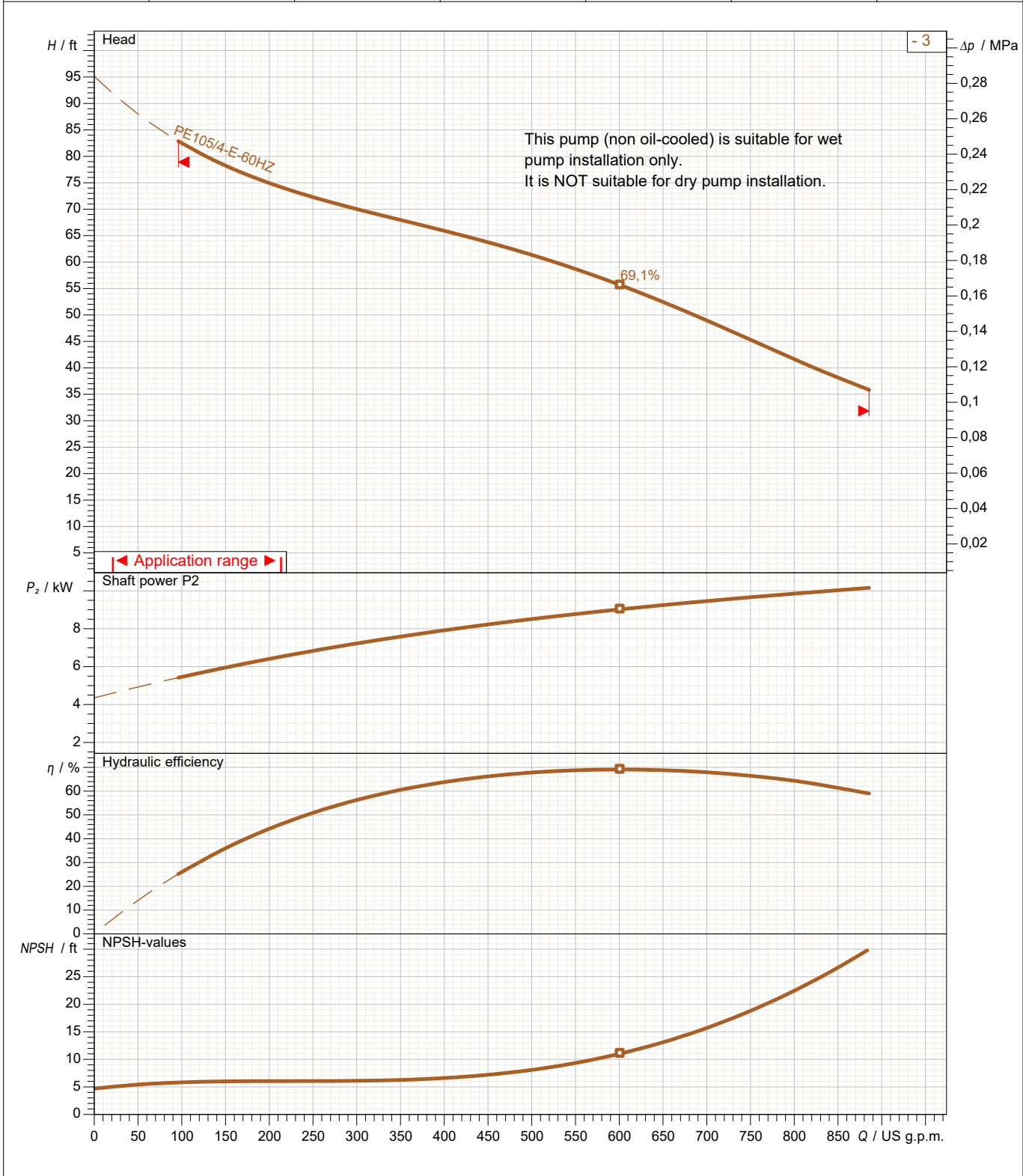
XFP100E CB1 60HZ (wet pit)



Operating data specification Flow Efficiency NPSH Temperature 20 °C No. of pumps 1		Power input Head Rated power Fluid Water Nature of system Single head pump	
Pump data Type XFP100E CB1 60HZ (wet pit) Series XFP PE1-PE3 N° of vanes 1 Free passage 80 mm Discharge flange DN100 Moment of inertia 0,0299 kg m ²		Make SULZER Impeller Contrablock Plus impeller, 1 vane Impeller size 228 mm Suction flange DN100 Type of installation Wet Well installation with pedestal	
Motor data Rated voltage 460 V Rated power P2 10,5 kW Number of poles 4 Power factor 0,81 Starting current 106 A Starting torque 118 Nm Insulation class H		Frequency 60 Hz Nominal Speed 1750 1/min Efficiency 92,4 % Rated current 17,7 A Rated torque 57,2 Nm Degree of protection IP 68 No. starts per hour 15	

Curve number	Pump performance curves XFP100E CB1 60HZ (wet pit)	SULZER
Reference curve XFP100E CB1 60HZ		

			Discharge DN100	Frequency 60 Hz
Density 998,3 kg/m ³	Viscosity 1,005 mm ² /s	Testnorm ISO9906:2012,HI 11.6/14.6≤10kW	Rated speed 1762 1/min	Date 2022-02-22
Flow	Head	Shaft power	Power input	Rated power P2 10,5 kW
			Hydraulic efficiency	NPSH



Impeller size 228 mm	N° of vanes 1	Impeller Contrablock Plus impeller, 1 vane	Solid size 80 mm	Revision
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Frequency
60 Hz

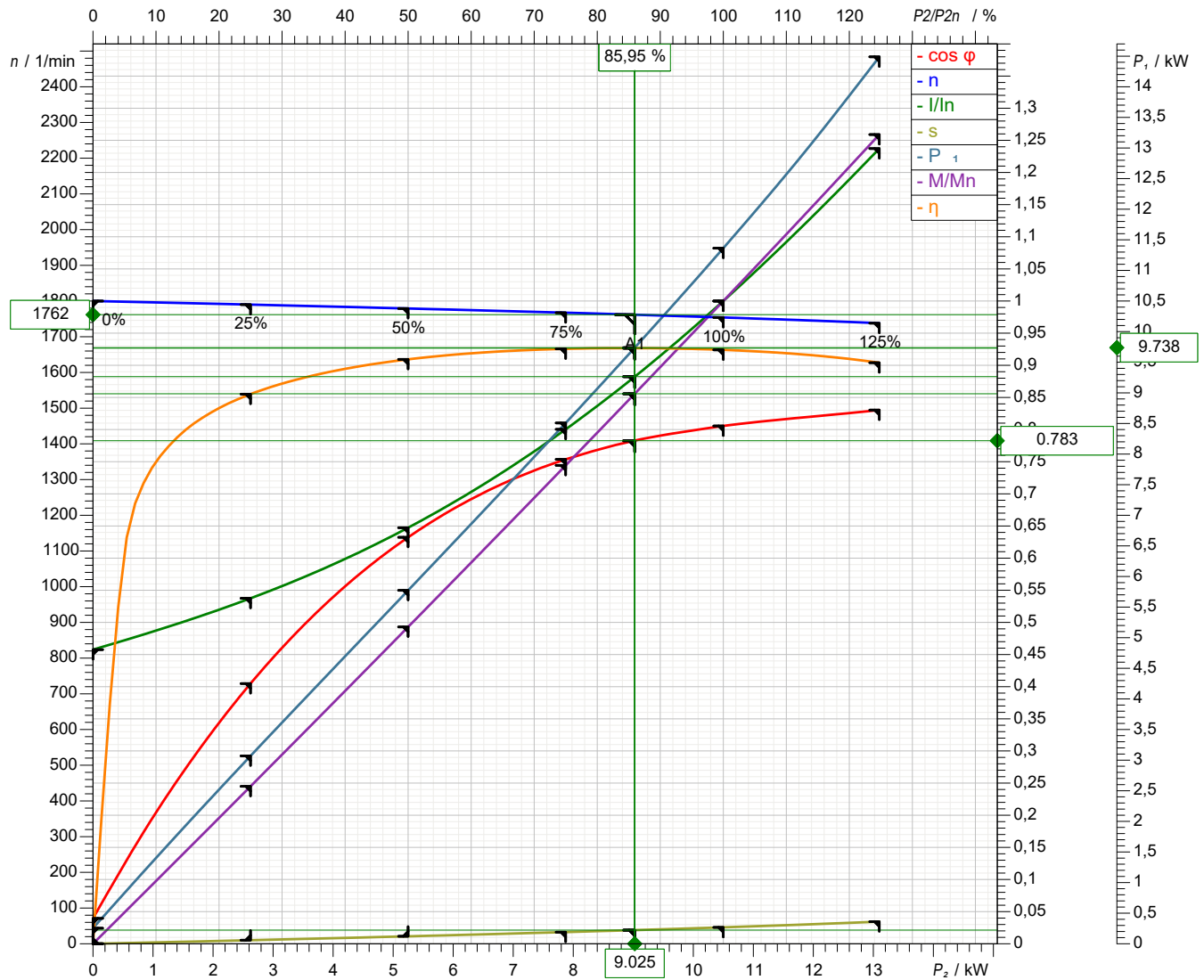
PE2

Motor performance curve



PE105/4-E-60HZ

Rated power 10,5 kW	Service factor 1,3	Nominal Speed 1750 1/min	Number of poles 4	Rated voltage 460 V	Date 2022-02-22
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Symbol	No loac	25 %	50 %	75 %	100 %	125 %
P_2 / kW	0	2,625	5,25	7,875	10,5	
P_1 / kW	0,2553	3,069	5,774	8,508	11,36	
η / %	0	85,52	90,93	92,56	92,4	
n / 1/min	1800	1790	1779	1767	1754	
$\cos \phi$	0,0395€	0,4049	0,6324	0,7537	0,8057	
I / A	8,1	9,514	11,46	14,17	17,7	
s / %	0,000799€	0,5572	1,163	1,819	2,56	
M / Nm	0	14	28,18	42,55	57,17	

Tolerance according to VDE 0530 T1 12.84 for rated power

Starting current 106 A	Starting torque 118 Nm	Moment of inertia 0,0449 kg m ²	No. starts per hour 15
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