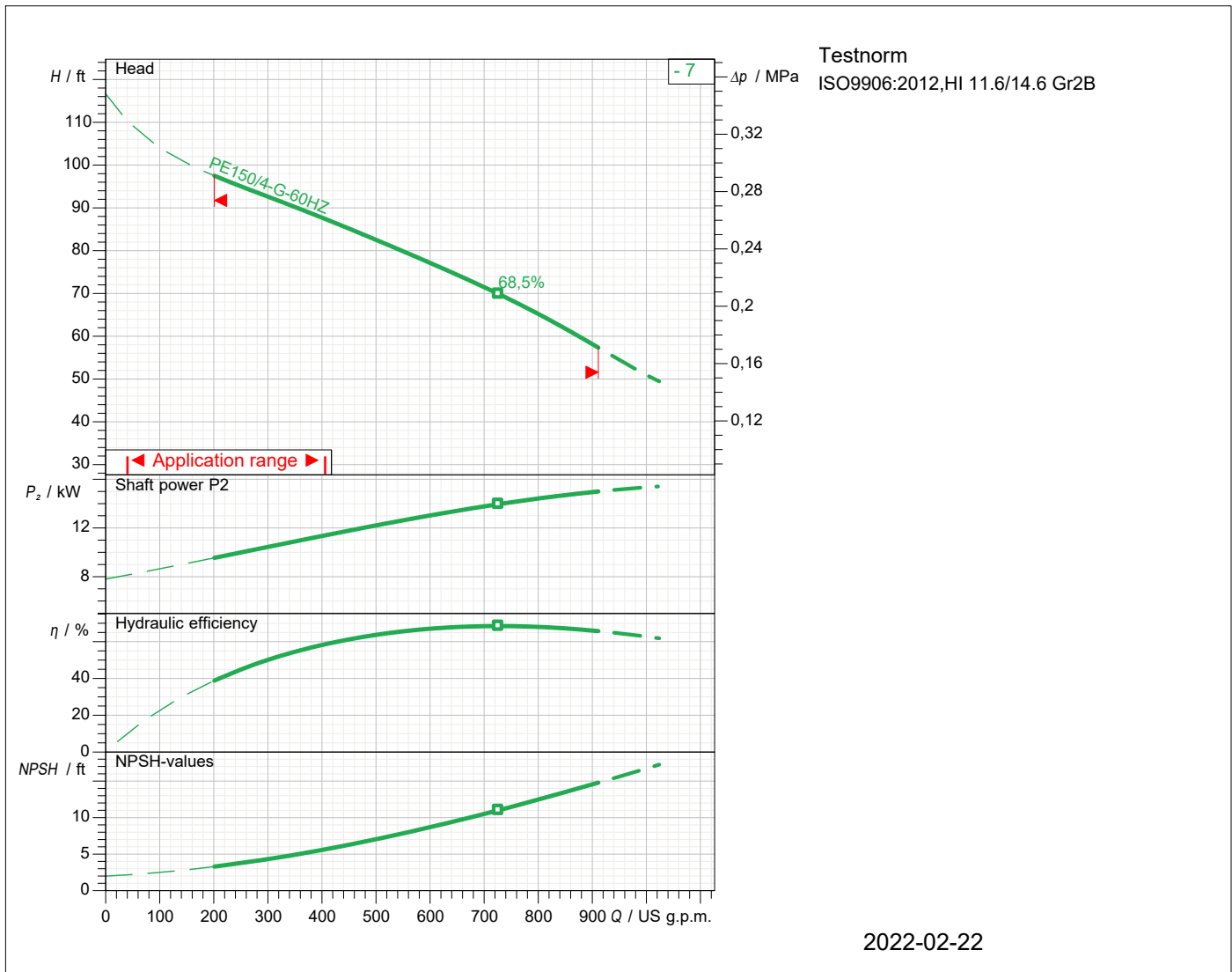
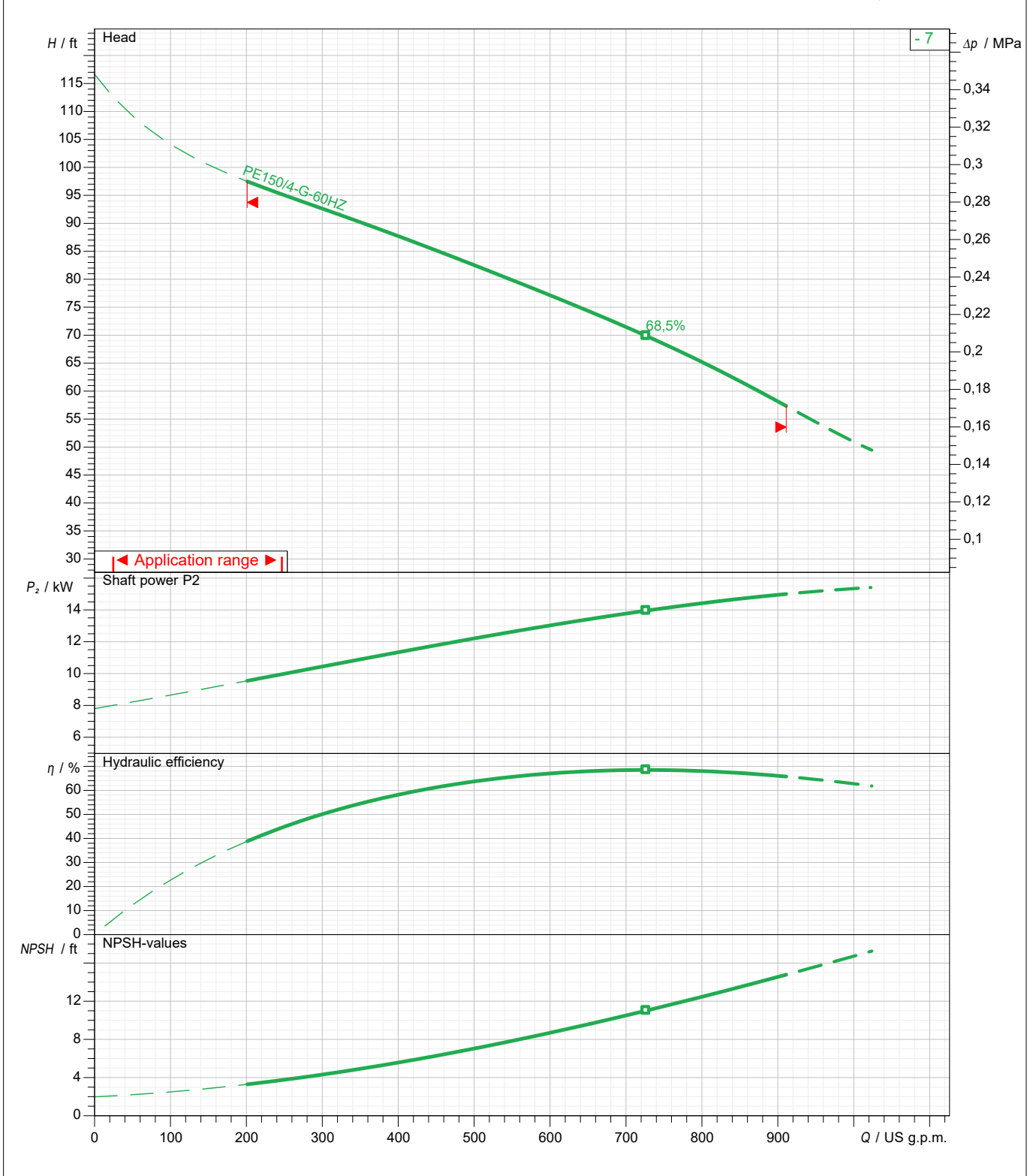


XFP100G CB1 60HZ (wet pit/dry pit)



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 XFP100G CB1 60HZ (wet pit/dry pit) Series XFP PE1-PE3 N° of vanes 1 Free passage 100 mm Discharge flange DN100 Moment of inertia 0,07 kg m ²		Make SULZER Impeller Contrablock Plus impeller, 1 vane Impeller size 250 mm Suction flange DN100 Type of installation Not chosen	
Motor data Rated voltage 460 V Rated power P2 15 kW Number of poles 4 Power factor 0,794 Starting current 296 A Starting torque 450 Nm Insulation class H		Frequency 60 Hz Nominal Speed 1780 1/min Efficiency 92,9 % Rated current 25,5 A Rated torque 80,6 Nm Degree of protection IP 68 No. starts per hour 15	

Curve number		Pump performance curves XFP100G CB1 60HZ (wet pit/dry pit)			SULZER	
Reference curve XFP100G 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 Gr2B			Rated speed 1779 1/min	Date 2022-02-22
Flow	Head	Shaft power	Power input	Rated power P2 15 kW	Hydraulic efficiency	NPSH



Impeller size 250 mm	N° of vanes 1	Impeller Contrablock Plus impeller, 1 vane	Solid size 100 mm	Revision
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Frequency
60 Hz

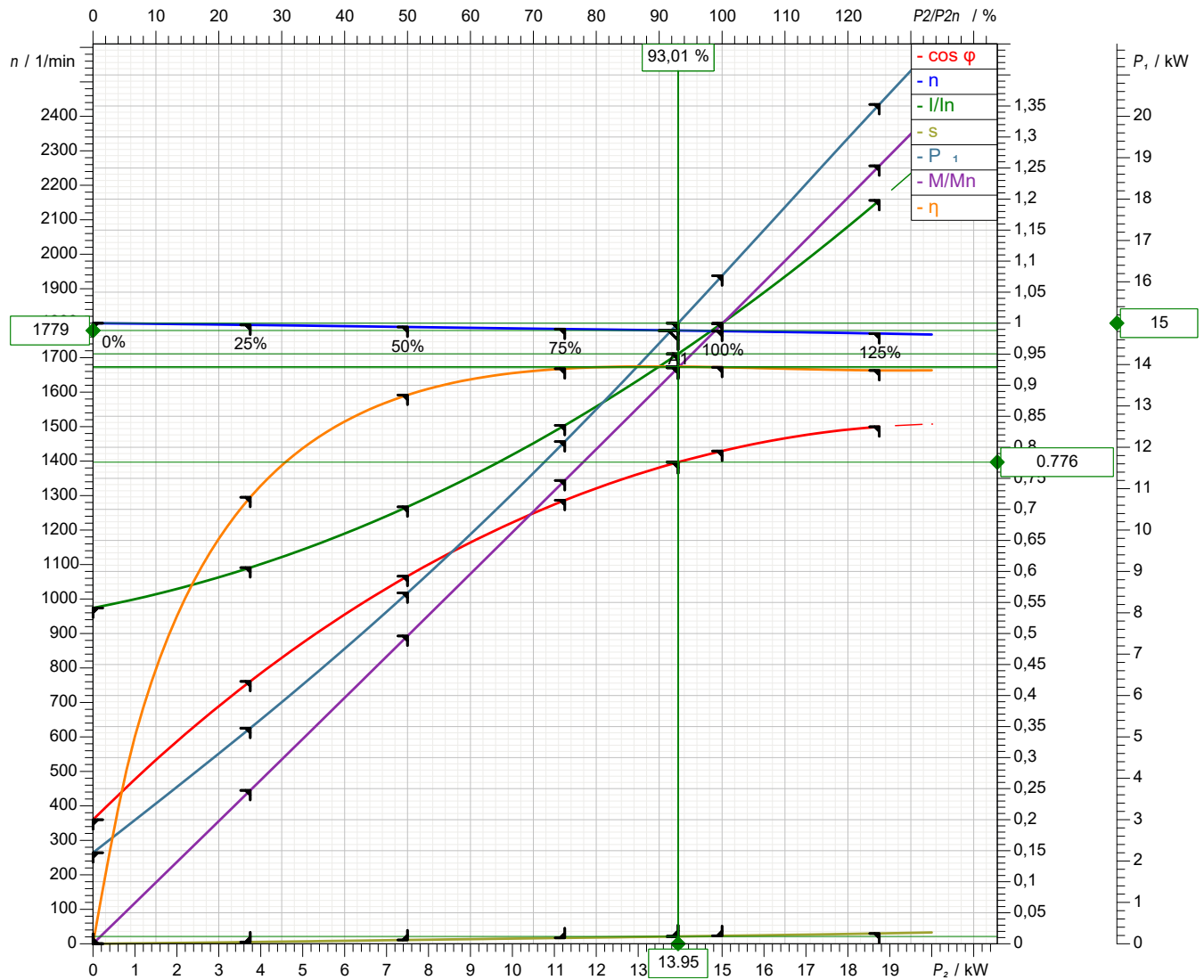
PE3

Motor performance curve



PE150/4-G-60HZ

Rated power 15 kW	Service factor 1,3	Nominal Speed 1780 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	3,75	7,5	11,25	15	18,75
P ₁ / kW	2,201	5,212	8,481	12,14	16,15	20,29
η / %	0	71,95	88,43	92,67	92,9	92,39
n / 1/min	1800	1795	1789	1783	1777	1770
cos φ	0,2	0,4229	0,5923	0,7147	0,7941	0,8332
I / A	13,81	15,47	17,97	21,32	25,52	30,57
s / %	0	0,2778	0,6111	0,9444	1,278	1,667
M / Nm	0	19,95	40,03	60,25	80,61	101,2

Tolerance according to VDE 0530 T1 12.84 for rated power

Starting current 296 A	Starting torque 450 Nm	Moment of inertia 0,174 kg m ²	No. starts per hour 15
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