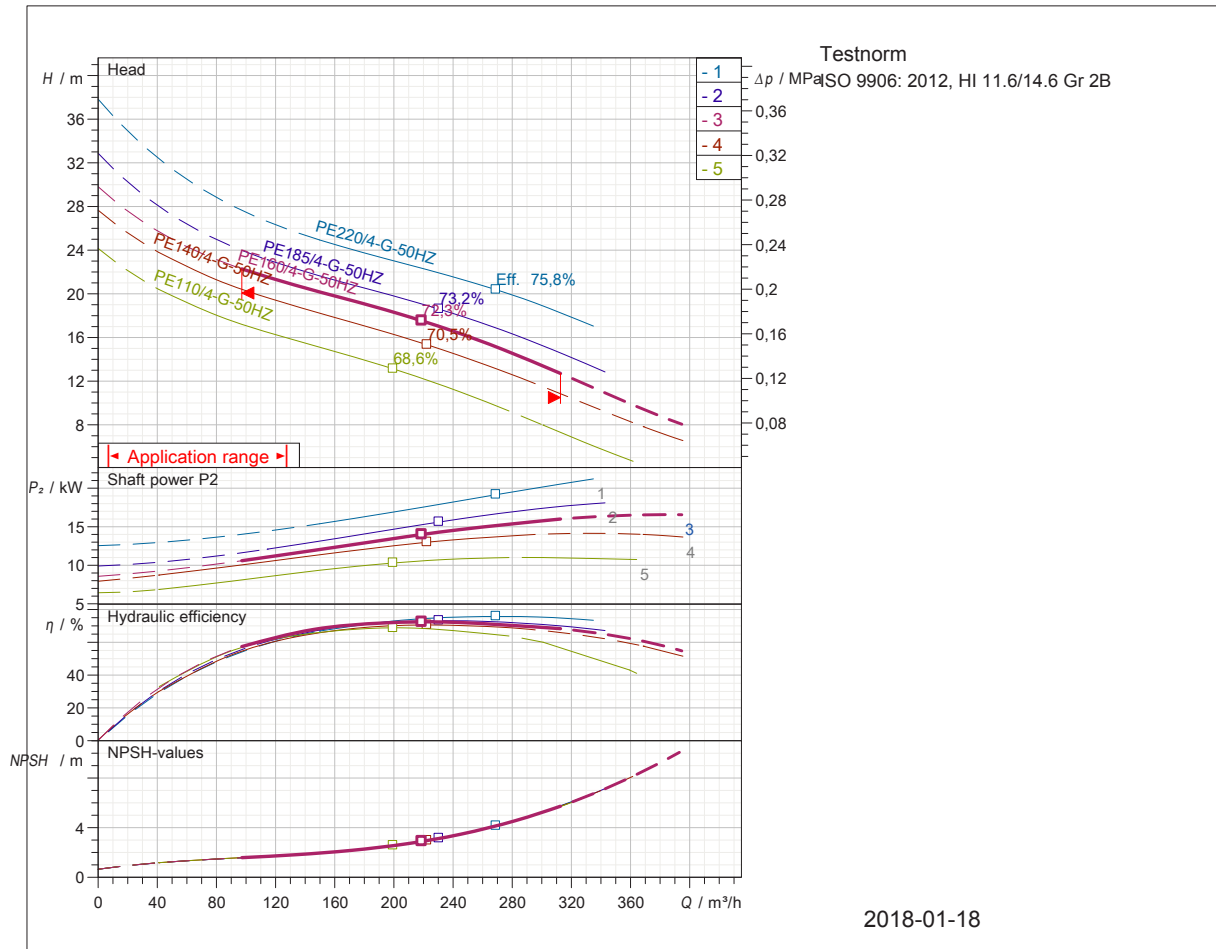


## SULZER XFP150G PE160 SUBMERSIBLE DEWATERING PUMP



2018-01-18

<b>Operating data specification</b> Flow Efficiency NPSH Temperature 20 °C No. of pumps 1		Head Shaft power Fluid Water Nature of system Single head pump	
<b>Pump data</b> Type XFP150G CB1 50HZ Series XFP PE1-PE3 N° of vanes 1 Free passage 100 mm Discharge flange DN150 Moment of inertia 0,104 kg m <sup>2</sup>		Make SULZER Impeller Contrablock Plus impeller, 1 vane Impeller size 275 mm Suction flange DN150 Type of installation Wet Well installation with pedestal (with cooling jacket)	
<b>Motor data</b> Rated voltage 400 V Rated power P2 16 kW Number of poles 4 Power factor 0,758 Starting current 317 A Starting torque 440 Nm Insulation class H		Frequency 50 Hz Nominal Speed 1470 1/min Efficiency 92,2 % Rated current 33,1 A Rated torque 104 Nm Degree of protection IP 68 No. starts per hour 15	

Sulzer reserves the right to change any data and dimensions without prior notice and can not be held responsible for the use of information contained in this software.

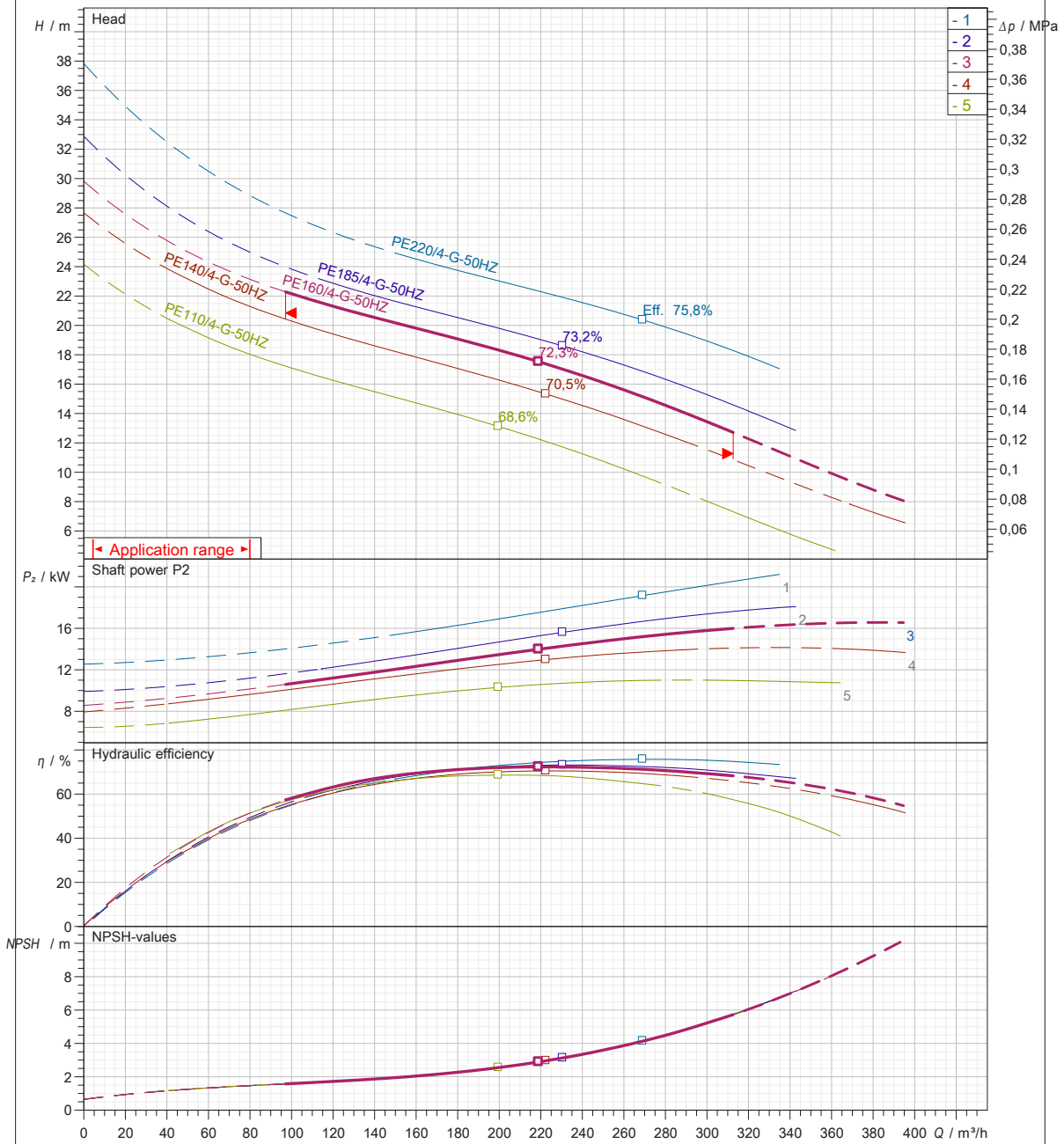
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 Data version Mar-2017





## SULZER XFP150G PE160 SUBMERSIBLE DEWATERING PUMP

			Discharge DN150	Frequency 50 Hz
Density 998,3 kg/m <sup>3</sup>	Viscosity 1 mm <sup>2</sup> /s	Testnorm ISO 9906: 2012, HI 11.6/14.6 Gr 2B	Rated speed 1477 1/min	Date 2018-01-18
Flow	Head	Rated power	Hydraulic efficiency	NPSH



Impeller size 275 mm	N° of vanes 1	Impeller Contrablock Plus impeller, 1 vane	Solid size 100 mm	Revision
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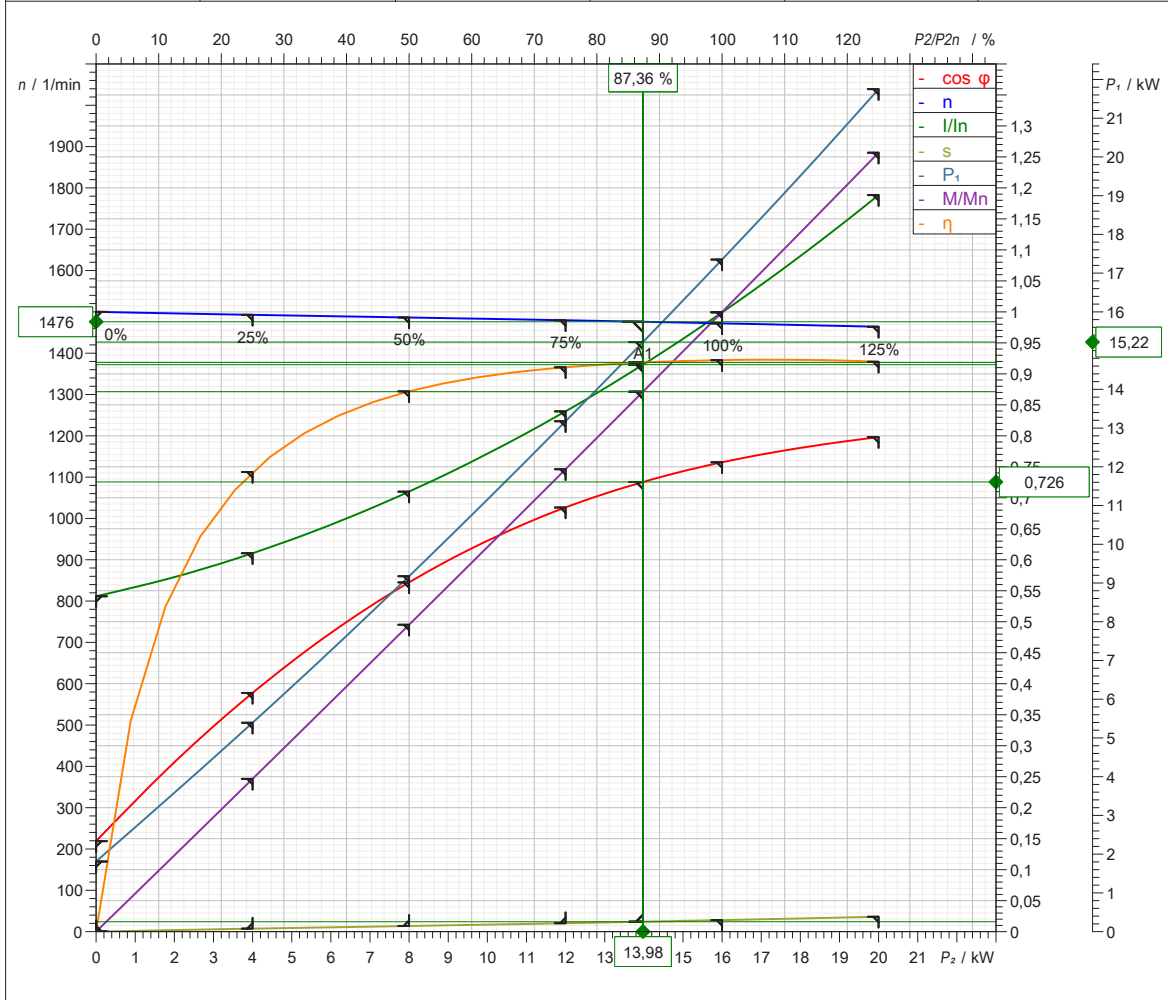
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## SULZER XFP150G PE160 SUBMERSIBLE DEWATERING PUMP

Rated power 16 kW	Service factor 1	Nominal Speed 1470 1/min	Number of poles 4	Rated voltage 400 V	Date 2018-01-18
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Symbol	No load	25 %	50 %	75 %	100 %	125 %
$P_2$ / kW	0	4	8	12	16	20
$P_1$ / kW	1,811	5,393	9,176	13,18	17,35	21,75
$\eta$ / %	0	74,16	87,18	91,07	92,21	91,95
$n$ / 1/min	1500	1493	1486	1480	1472	1464
$\cos \varphi$	0,146	0,3852	0,5636	0,6844	0,7573	0,798
$I$ / A	17,91	20,21	23,5	27,79	33,07	39,34
$s$ / %	0	0,4785	0,9096	1,357	1,855	2,402
$M$ / Nm	0	25,59	51,4	77,45	103,8	130,5

Tolerance according to VDE 0530 T1 12.84 for rated power

Starting current 317 A	Starting torque 440 Nm	Moment of inertia 0,217 kg m <sup>2</sup>	No. starts per hour 15
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