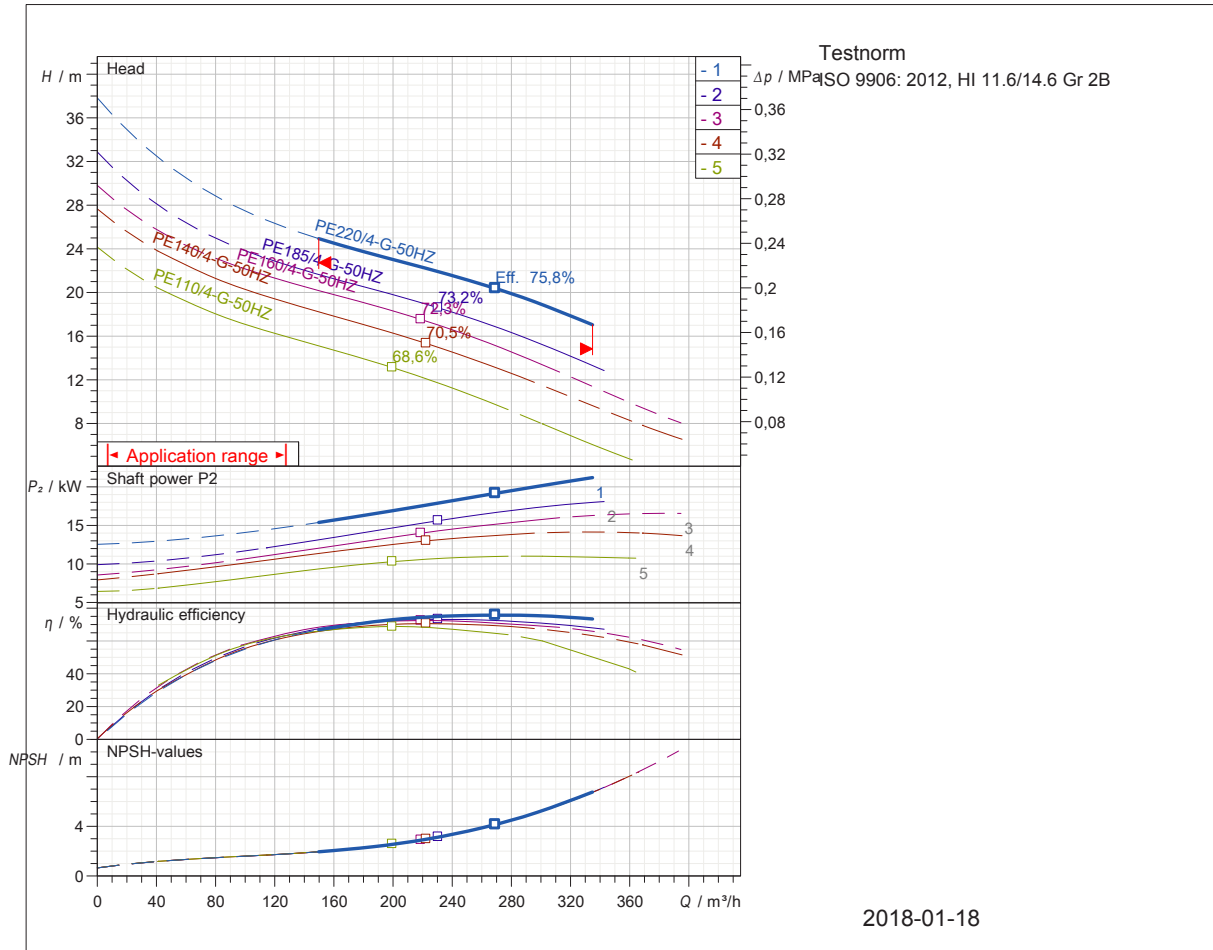


## SULZER XFP150G PE220 SUBMERSIBLE DEWATERING PUMP



2018-01-18

<b>Operating data specification</b>		Head	
Flow		Shaft power	
Efficiency		Fluid	Water
NPSH		Nature of system	Single head pump
Temperature	20 °C		
No. of pumps	1		
<b>Pump data</b>		Make	
Type	XFP150G CB1 50HZ	Impeller	SULZER
Series	XFP PE1-PE3	Impeller size	Contrablock Plus impeller, 1 vane
N° of vanes	1	Suction flange	300 mm
Free passage	100 mm	Type of installation	DN150
Discharge flange	DN150	Wet Well installation with pedestal (with cooling jacket)	
Moment of inertia	0,129 kg m <sup>2</sup>		
<b>Motor data</b>		Frequency	
Rated voltage	400 V	Nominal Speed	50 Hz
Rated power P2	22 kW	Efficiency	1460 1/min
Number of poles	4	Rated current	93 %
Power factor	0,803	Rated torque	42,5 A
Starting current	363 A	Degree of protection	144 Nm
Starting torque	515 Nm	No. starts per hour	IP 68
Insulation class	H		15

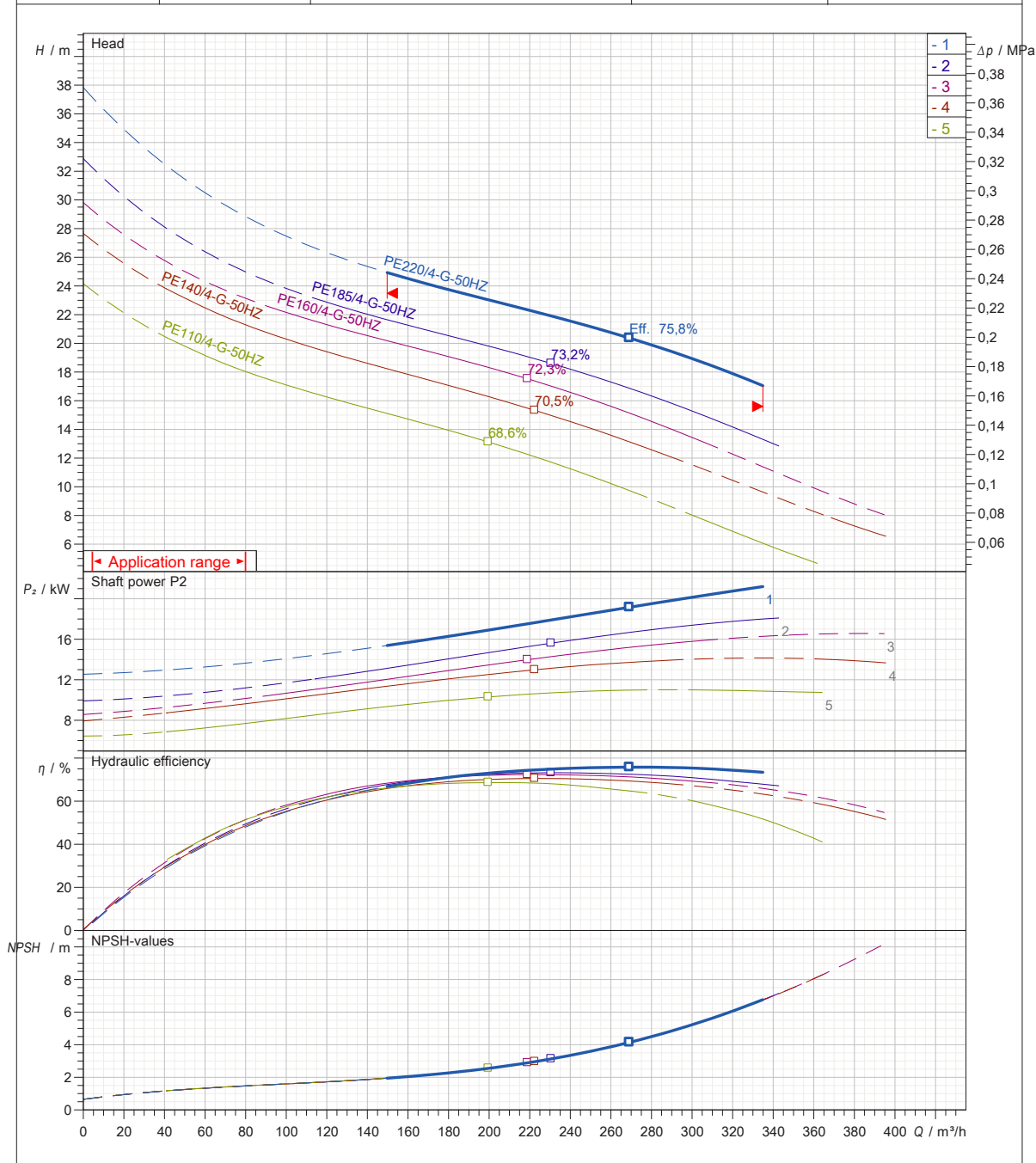
Sulzer reserves the right to change any data and dimensions without prior notice and can not be held responsible for the use of information contained in this software.

Spaix® 4, Version 4.3.4 - 2017/04/12 (Build 580)  
Data version Mar-2017



## SULZER XFP150G PE220 SUBMERSIBLE DEWATERING PUMP

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	Discharge DN150 Rated speed 1470 1/min	Frequency 50 Hz Date 2018-01-18
Flow	Head	Rated power	Hydraulic efficiency	NPSH



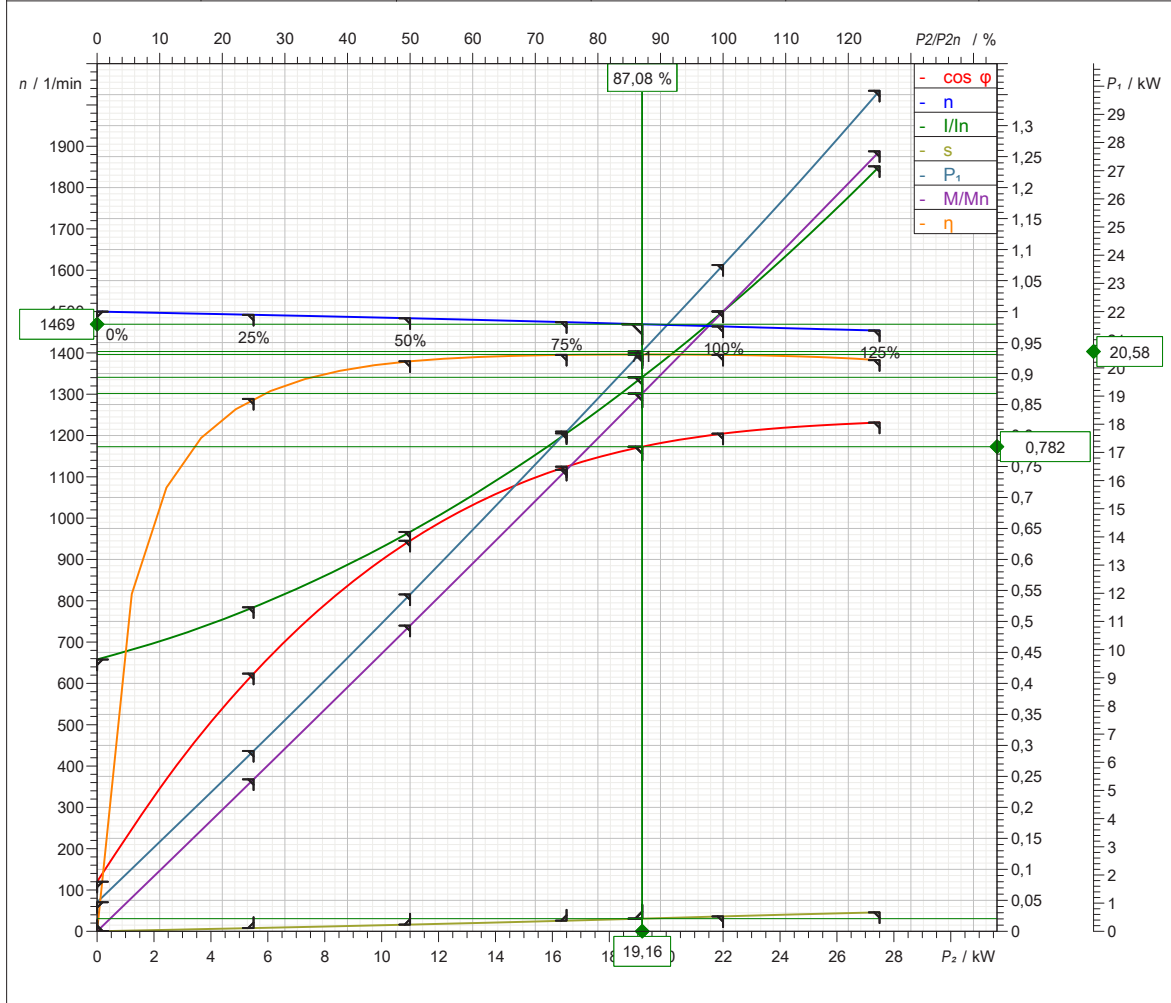
Impeller size 300 mm	N° of vanes 1	Impeller Contrablock Plus impeller, 1 vane	Solid size 100 mm	Revision
-------------------------	------------------	---	----------------------	----------

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. Spaix® 4, Version 4.3.4 - 2017/04/12 (Build 580) Data version Mar-2017



## SULZER XFP150G PE220 SUBMERSIBLE DEWATERING PUMP

Rated power 22 kW	Service factor 1	Nominal Speed 1460 1/min	Number of poles 4	Rated voltage 400 V	Date 2018-01-18
----------------------	---------------------	-----------------------------	----------------------	------------------------	--------------------



Symbol	No load	25 %	50 %	75 %	100 %	125 %
$P_2$ / kW	0	5,5	11	16,5	22	27,5
$P_1$ / kW	1,033	6,402	11,96	17,74	23,65	29,84
$\eta$ / %	0	85,9	91,98	93,01	93,01	92,16
$n$ / 1/min	1500	1492	1484	1474	1464	1454
$\cos \varphi$	0,08002	0,4159	0,6302	0,7498	0,8031	0,821
$I$ / A	18,64	22,22	27,39	34,15	42,51	52,46
$s$ / %	0,001587	0,5254	1,083	1,717	2,408	3,065
$M$ / Nm	0	35,2	70,79	106,9	143,5	180,6

Tolerance according to VDE 0530 T1 12.84 for rated power

Starting current 363 A	Starting torque 515 Nm	Moment of inertia 0,244 kg m <sup>2</sup>	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.

Spaix® 4, Version 4.3.4 - 2017/04/12 (Build 580  
Data version Mar-2017

