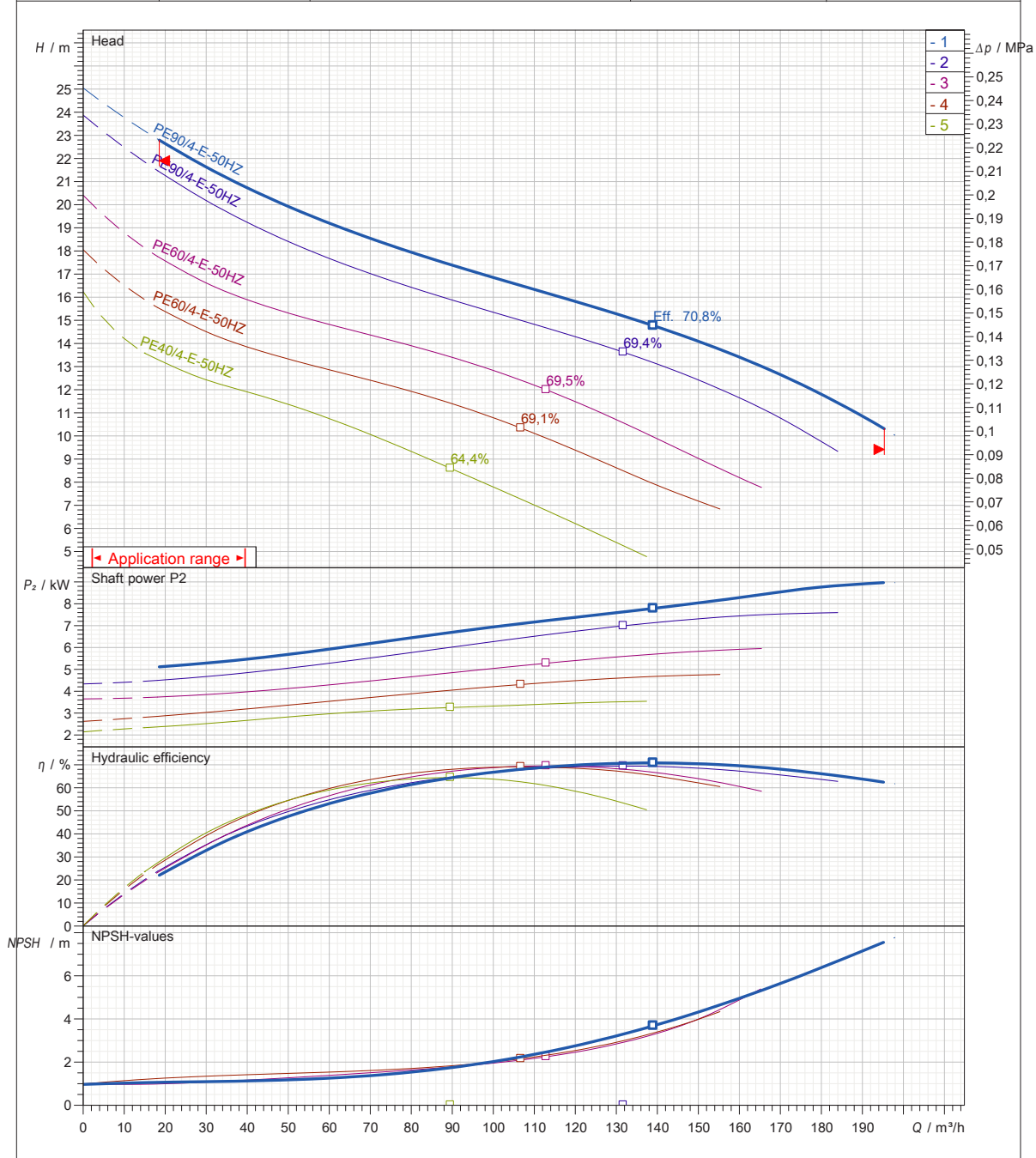




SULZER XFP100E PE90 SUBMERSIBLE DEWATERING PUMP

Density	Viscosity	Testnorm	Discharge DN100	Frequency
998,3 kg/m³	1,005 mm²/s	ISO 9906: 2012, HI 11.6/14.6 ≤10kW	Rated speed	50 Hz
Flow	Head	Rated power	1472 1/min	Date
			Hydraulic efficiency	2018-01-18
				NPSH



Impeller size 250 mm	N° of vanes 1	Impeller Contrablock Plus impeller, 1 vane	Solid size 80 mm	Revision
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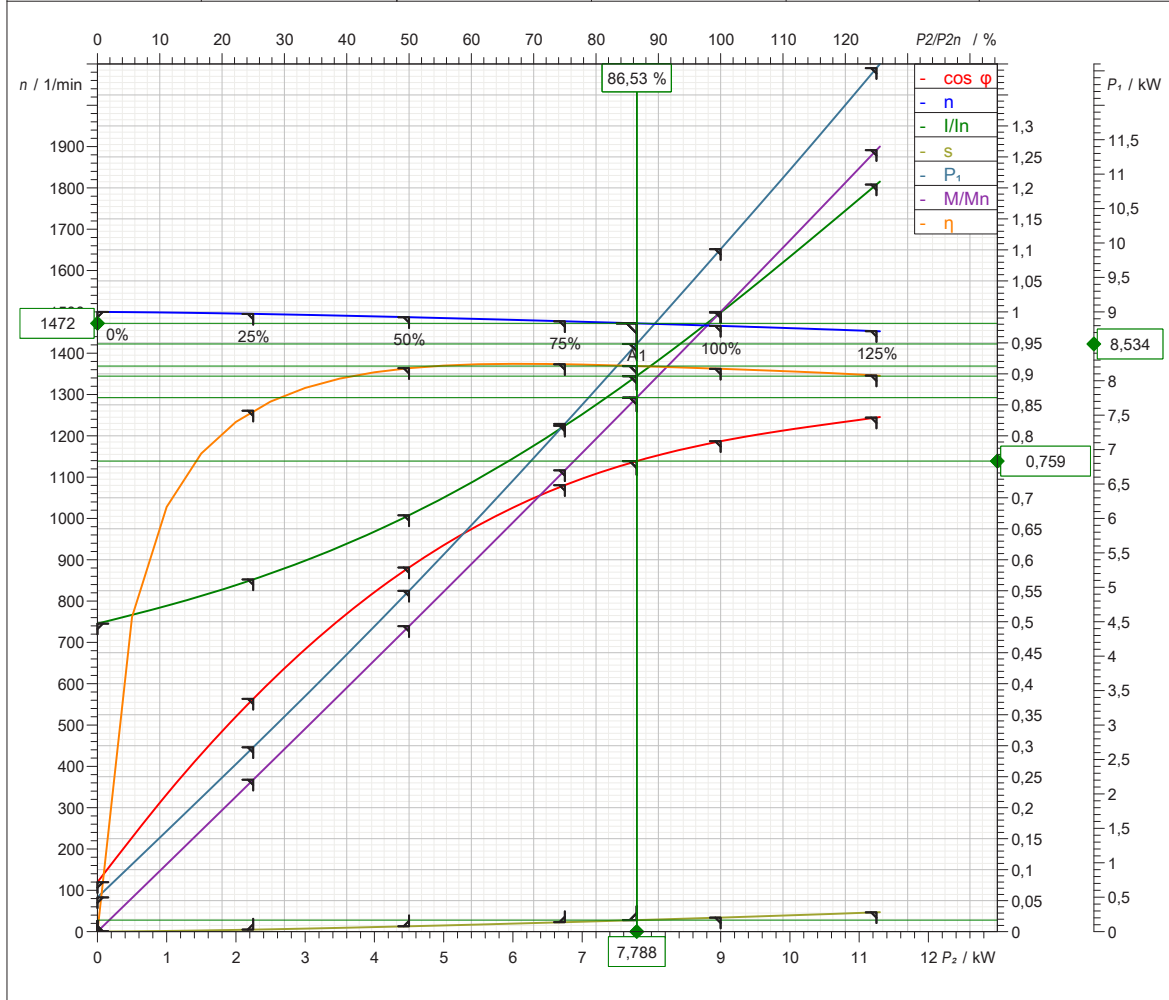
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Data version Mar-2017



SULZER XFP100E PE90 SUBMERSIBLE DEWATERING PUMP

Rated power 9 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	2,25	4,5	6,75	9	11,25
P_1 / kW	0,4971	2,677	4,949	7,373	9,911	12,54
η / %	0	84,05	90,92	91,55	90,81	89,72
n / 1/min	1500	1495	1487	1477	1466	1453
$\cos \varphi$	0,07976	0,3756	0,5875	0,7203	0,7912	0,8295
I / A	8,996	10,29	12,16	14,77	18,08	21,82
s / %	0	0,3251	0,863	1,521	2,265	3,113
M / Nm	0	14,37	28,9	43,64	58,62	73,92

Tolerance according to VDE 0530 T1 12.84 for rated power

Starting current 118 A	Starting torque 121 Nm	Moment of inertia 0,0449 kg m ²	No. starts per hour 15
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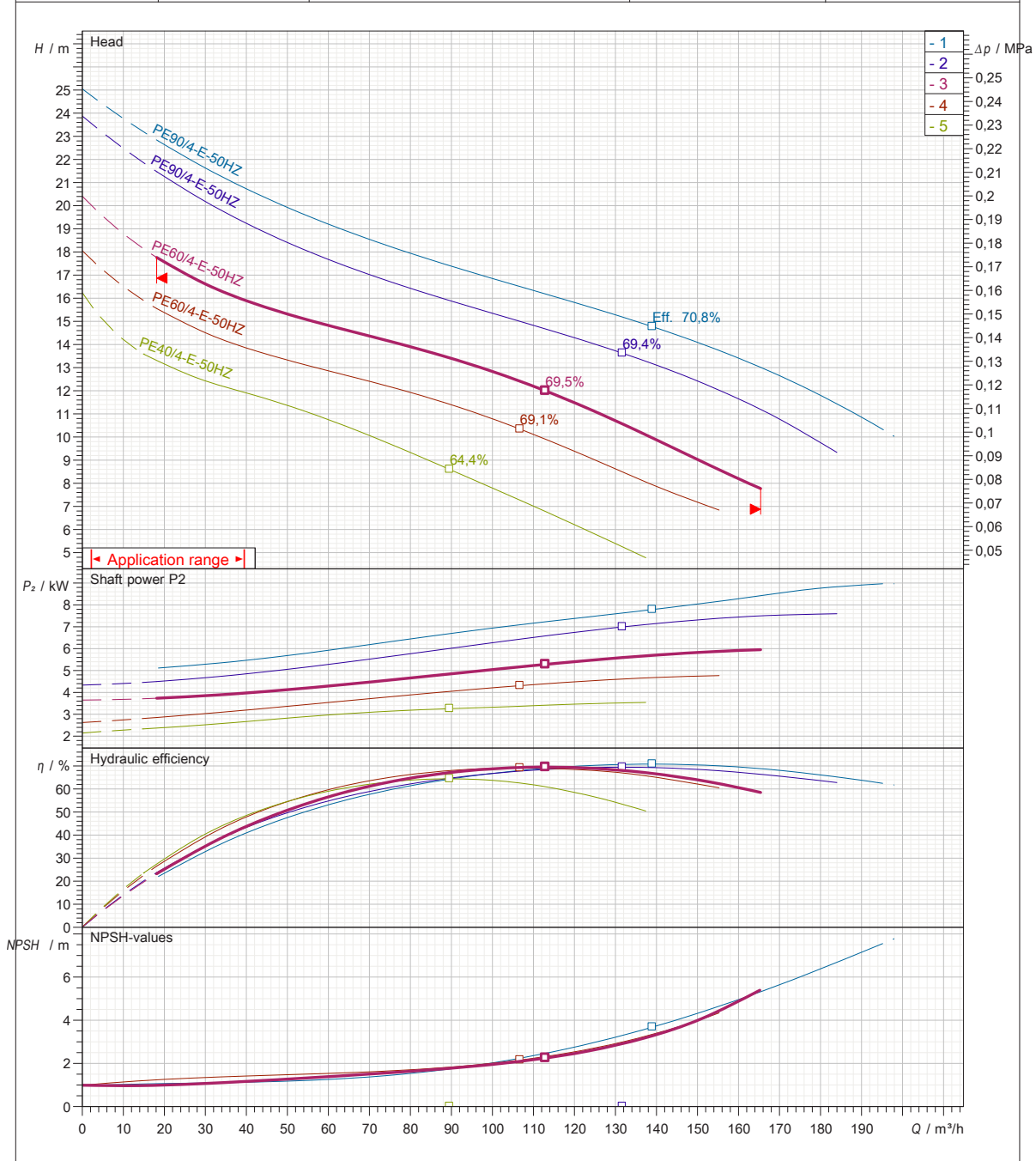
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SULZER XFP100E PE90 SUBMERSIBLE DEWATERING PUMP

Density 998,3 kg/m ³	Viscosity 1,005 mm ² /s	Testnorm ISO 9906: 2012, HI 11.6/14.6 ≤10kV	Discharge DN100 Rated speed 1472 1/min	Frequency 50 Hz Date 2018-01-18
Flow	Head	Rated power	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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