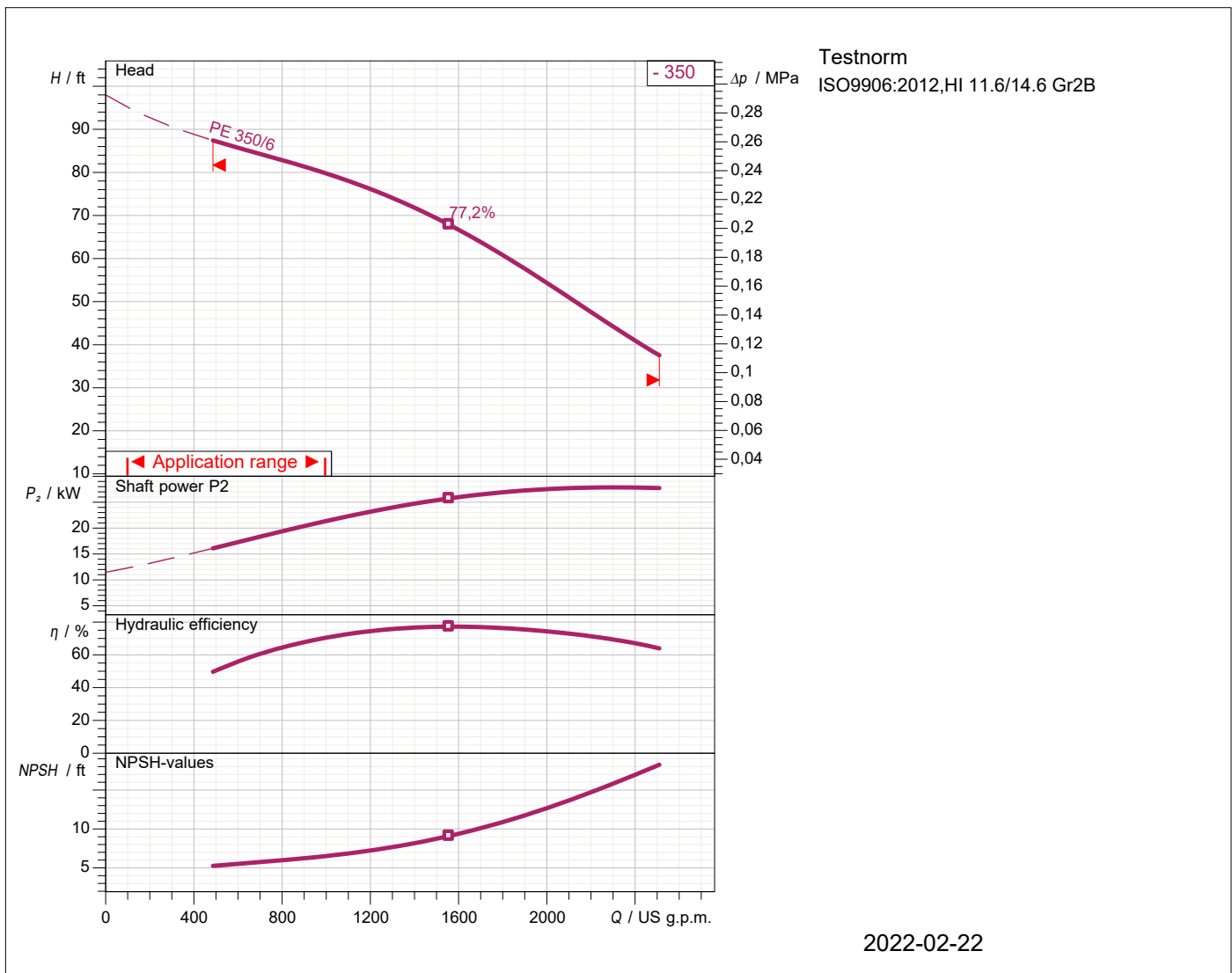
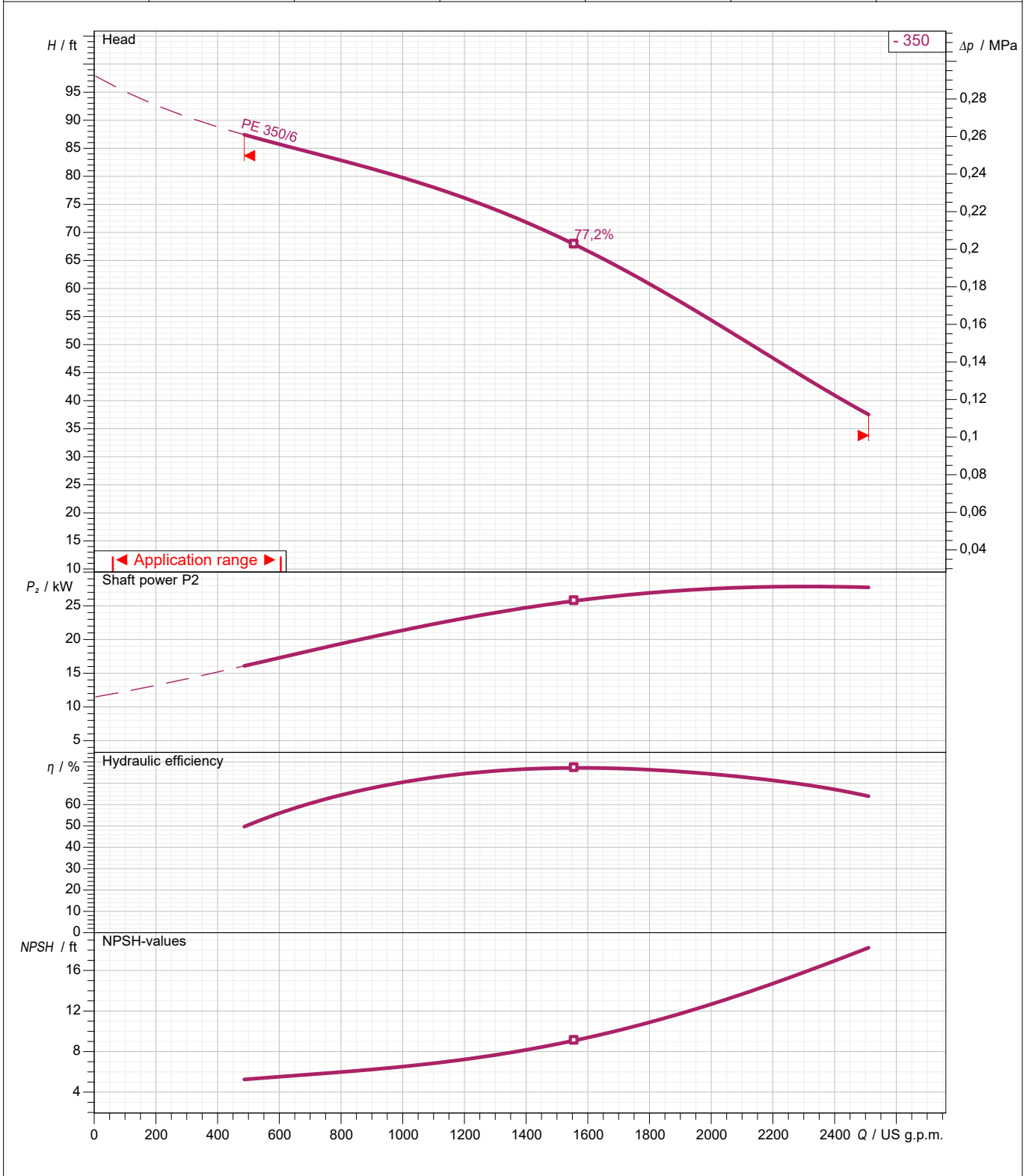


XFP 155J-CB2 60 HZ



Operating data specification Flow Efficiency NPSH Temperature 20 °C No. of pumps 1		Power input Head Rated power Fluid Nature of system		Water, pure Single head pump
Pump data Type XFP 155J-CB2 60 HZ Series XFP PE4-PE7 N° of vanes 2 Free passage 75 x 100 mm Discharge flange DN150 Moment of inertia 0,59 kg m ²		Make Impeller Impeller size Suction flange Type of installation		SULZER Contrablock Plus impeller 350 mm DN200 wet well vertical installation 2"
Motor data Rated voltage 480 V Rated power P2 35 kW Number of poles 6 Power factor 0,787 Starting current 410 A Starting torque 791 Nm Insulation class H(140)		Frequency Nominal Speed Efficiency Rated current Rated torque Degree of protection No. starts per hour		60 Hz 1180 1/min 94,1 % 56,9 A 283 Nm IP 68 15

Curve number		Pump performance curves XFP 155J-CB2 60 HZ			SULZER	
Reference curve XFP 155J-CB2 60Hz						
				Discharge DN150	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 1188 1/min	Date 2022-02-22
Flow	Head	Shaft power	Power input	Rated power P2 35 kW	Hydraulic efficiency	NPSH



Impeller size 350 mm	N° of vanes 2	Impeller Contrablock Plus impeller	Solid size 75 x 100 mm	Revision
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Frequency
60 Hz

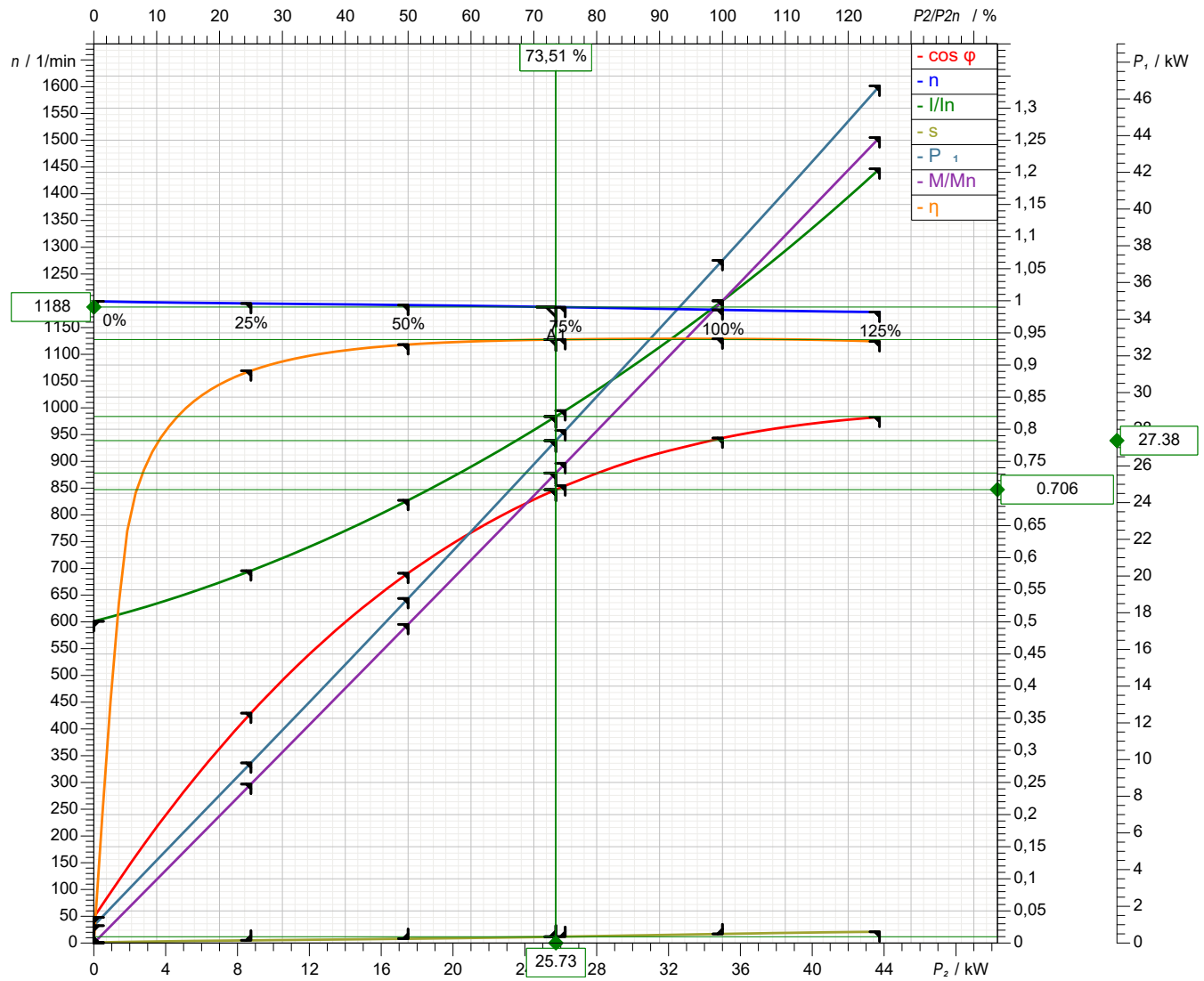
PE4

Motor performance curve



PE 350/6

Rated power 35 kW	Service factor 1,3	Nominal Speed 1180 1/min	Number of poles 6	Rated voltage 480 V	Date 2022-02-22
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Symbol	No loac	25 %	50 %	75 %	100 %	125 %
P_2 / kW	0	8,75	17,5	26,25	35	43,75
P_1 / kW	0,9475	9,82	18,78	27,93	37,2	46,71
η / %	0	89,1	93,19	93,98	94,07	93,66
n / 1/min	1190	1195	1192	1188	1183	1179
$\cos \varphi$	0,0399	0,3581	0,5759	0,7121	0,7864	0,819
I / A	28,5	32,99	39,23	47,17	56,9	68,6
s / %	0,0833	0,4167	0,6667	1	1,417	1,75
M / Nm	0	69,92	140,2	211	282,5	354,4

Tolerance according to VDE 0530 T1 12.84 for rated power

Starting current 410 A	Starting torque 791 Nm	Moment of inertia 0,574 kg m ²	No. starts per hour 15
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