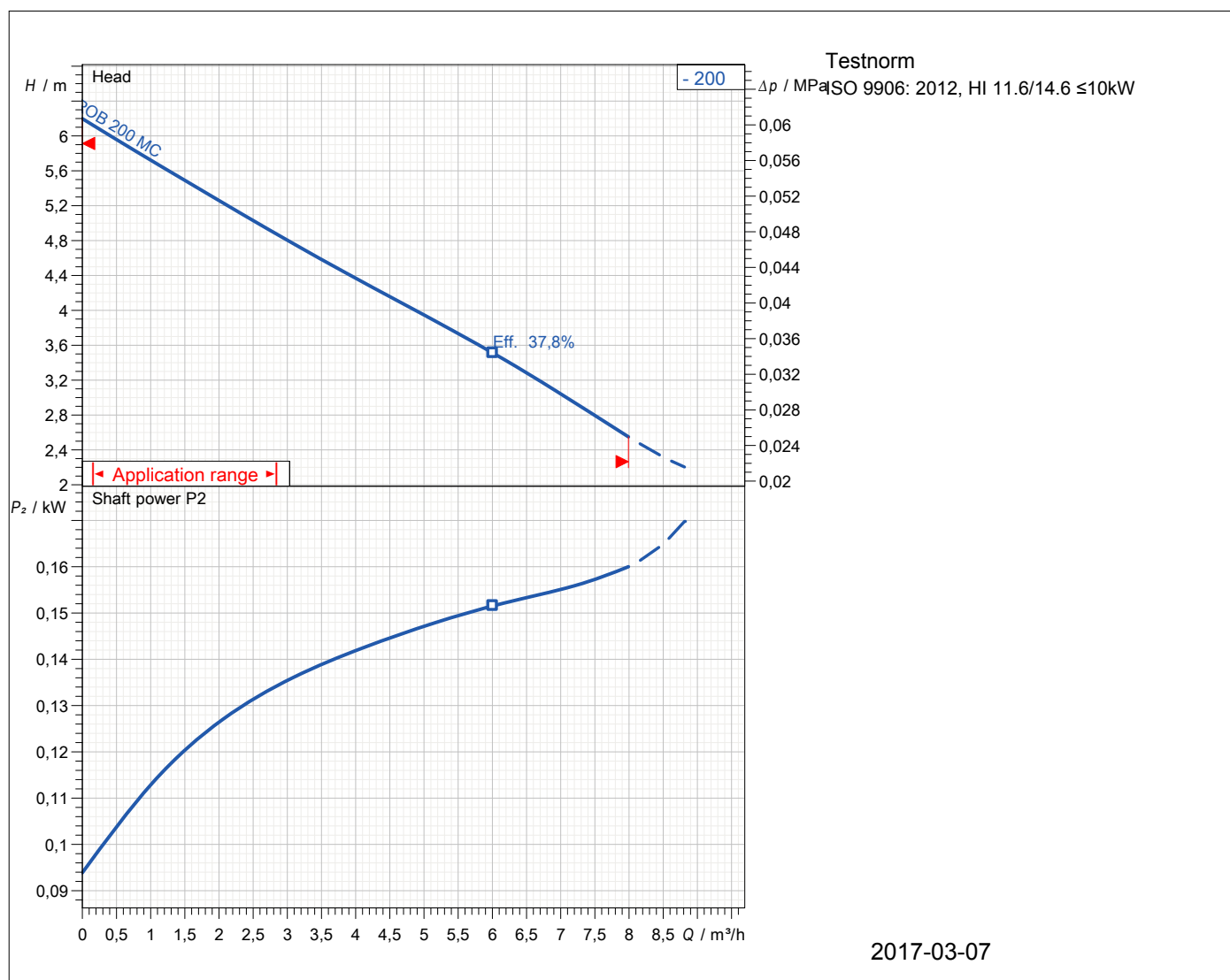
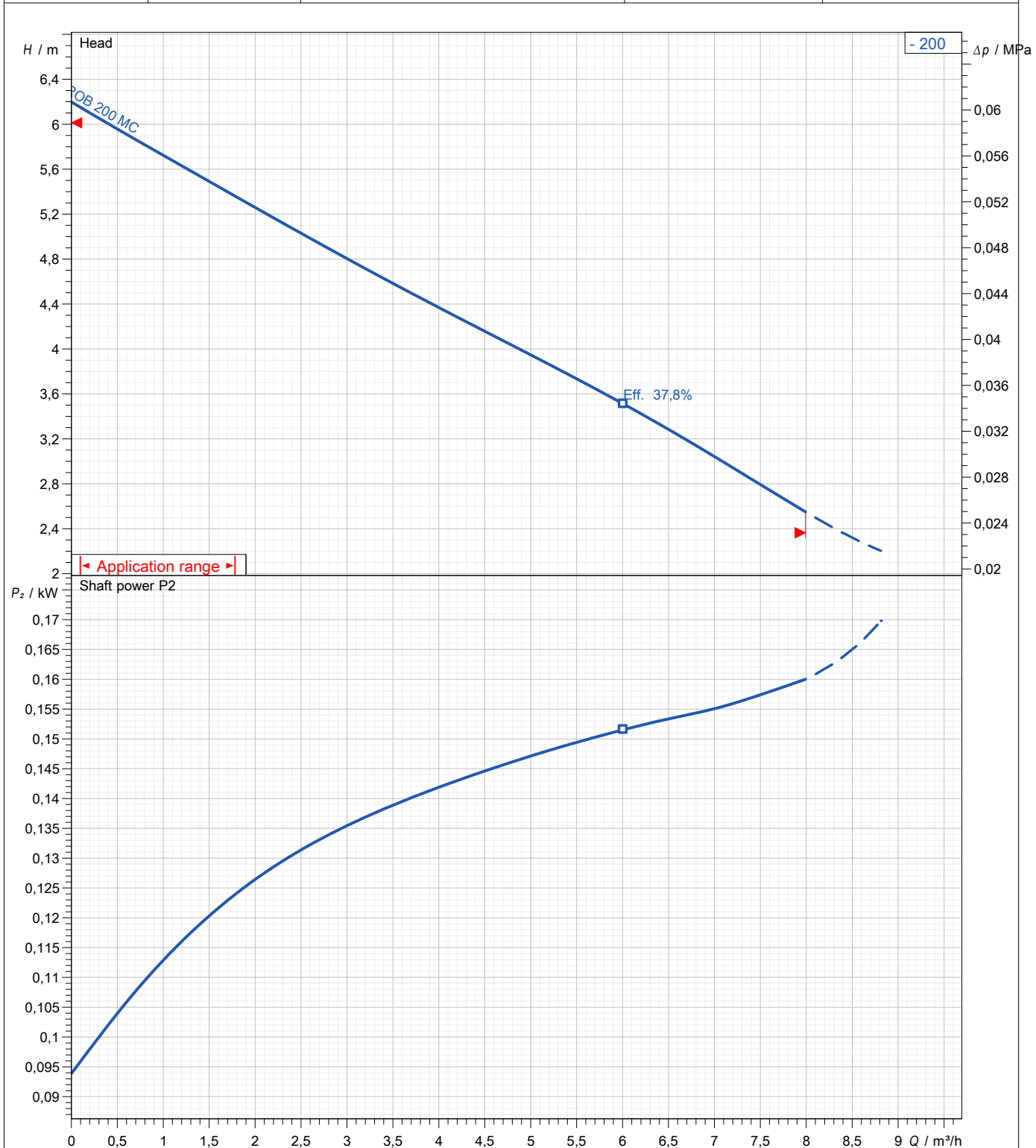


ROBUSTA 200 W/TS 50 HZ



Operating data specification			
Flow		Head	
Efficiency		Shaft power	
NPSH		Fluid	Water, pure
Temperature	20 °C	Nature of system	Single head pump
No. of pumps	1		
Pump data			
Type	ROBUSTA 200 W/TS 50 HZ	Make	SULZER
Series	ROBUSTA	Impeller	Vortex impeller
N° of vanes	6	Impeller size	80 mm
Free passage	10 mm	Suction flange	
Discharge flange	G1¼"	Type of installation	
			Dimension Print
Motor data			
Rated voltage	230 V	Frequency	50,0 Hz
Rated power P2	0,16 kW	Nominal Speed	2400 1/min
Number of poles	2	Efficiency	44,4 %
Power factor	0,98	Rated current	1,6 A
Starting current		Rated torque	0,637 Nm
Starting torque		Degree of protection	IP 68
Insulation class	F	No. starts per hour	15

Curve number		Pump performance curves ROBUSTA 200 W/TS 50 HZ			SULZER
Reference curve ROB 200 50HZ FROM AUG 08					
			Discharge G1¼"	Frequency 50 Hz	
Density 998,3 kg/m³	Viscosity 1,005 mm²/s	Testnorm ISO 9906: 2012, HI 11.6/14.6 ≤10kW	Rated speed 2495 1/min	Date 2017-03-07	
Flow	Head	Rated power	Hydraulic efficiency	NPSH	



Impeller size 80 mm	N° of vanes 6	Impeller Vortex impeller	Solid size 10 mm	Revision
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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 - 2016/12/13 (Build 555)
Data version Dec-2016

Frequency
50 Hz

Motor performance curve

ROB 200 MC

SULZER

Rated power
0,16 kW

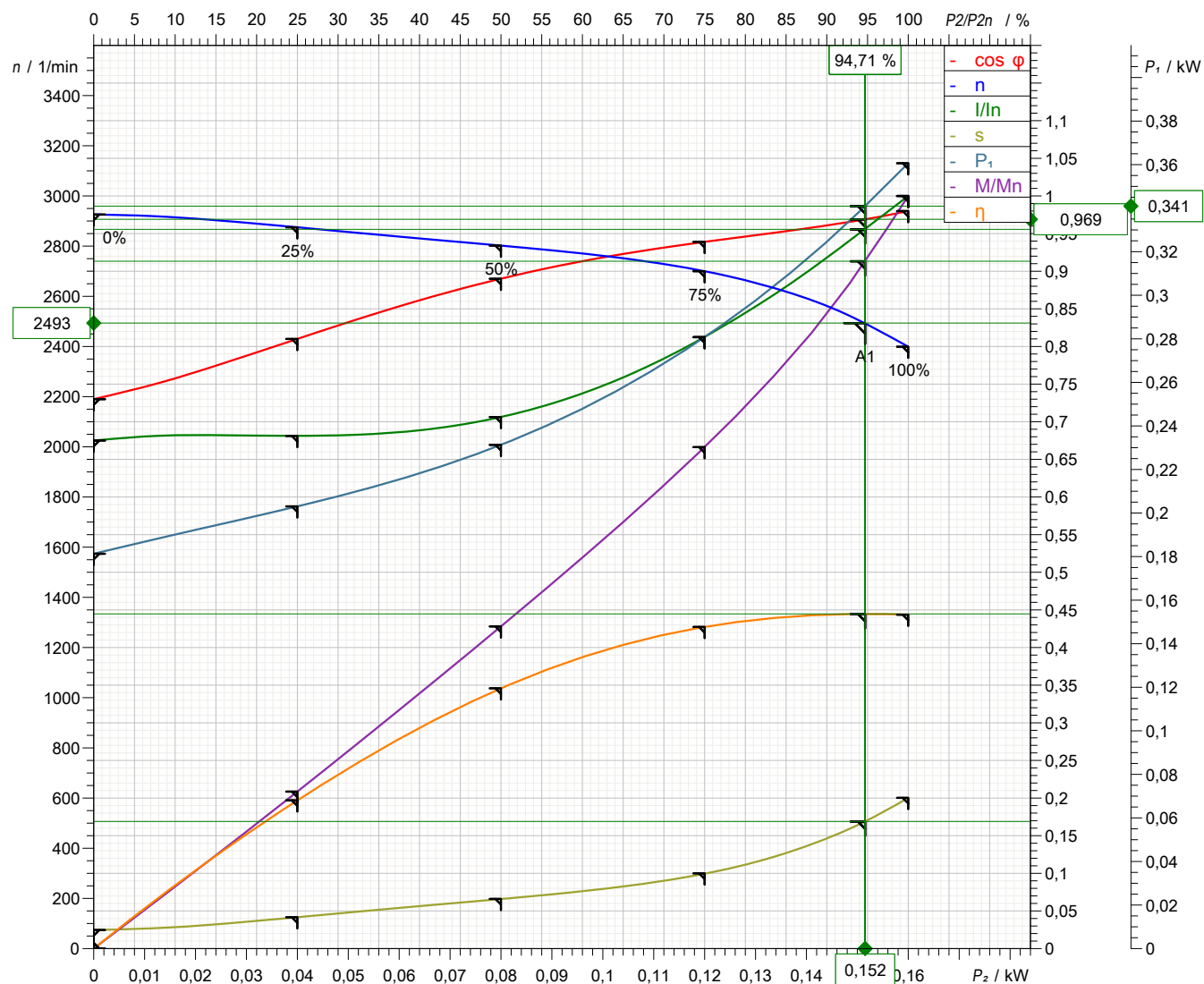
Service factor
1

Nominal Speed
2400 1/min

Number of poles
2

Rated voltage
230 V

Date
2017-03-07



Symbol	No loac	25 %	50 %	75 %	100 %	125 %
P_2 / kW	0	0,04	0,08	0,12	0,16	
P_1 / kW	0,1813	0,2031	0,2313	0,2808	0,3606	
η / %	0	19,7	34,59	42,74	44,37	
n / 1/min	2926	2875	2802	2700	2399	
$\cos \phi$	0,73	0,81	0,89	0,939	0,98	
I / A	1,08	1,09	1,13	1,3	1,6	
s / %	2,467	4,167	6,6	10	20,03	
M / Nm	0	0,1329	0,2726	0,4244	0,6369	

Tolerance according to VDE 0530 T1 12.84 for rated power

Starting current	Starting torque	Moment of inertia	No. starts per hour 15	
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