

Customer	Date	12/8/2020
Contact	Project	
Phone number	Project no.	
Email		

ESHE 32-200/30/P25RSSA

101860190

Operating data

Pump type	Single head pump	Fluid	Water, pure
No. of pumps / Reserve	1 / 0	Operating temperature t A	°C 4
Nominal flow	l/s 0	pH-value at t A	7
Nominal head	m 0	Density at t A	kg/m³ 1000
Static head	m 0	Kin. viscosity at t A	mm²/s 1.569
Inlet pressure	kPa 0	Vapor pressure at t A	kPa 100
Environmental temperature	°C 20	Solids	0
Available system NPSH	m 0	Altitude	m 0

Pump data

Make	Lowara	Nominal	l/s ()
Speed	rpm 2900	Flow	Max- l/s 6.9
Number of stages	1	Min-	l/s 2.2
Max. casing pressure	kPa	Nominal	m
Max. working pressure	kPa 386.3	Head	at Qmax m 23.9
Head H(Q=0)	m 39	at Qmin	m 37.1
Weight	kg	Shaft power	kW ()
Max.	mm 195	Max. shaft power	kW 3
Impeller R	designed	Efficiency	%
Min.	mm 178	NPSH 3%	m
Suction nozzle	DN 50 PN 12 EN1092-2 (e-SH)	Discharge nozzle	DN 32 PN 12 EN1092-2 (e-SH)

Pump Materials

Pump body	Stainless steel / AISI 316L
Impeller	Stainless steel / AISI 316L
SEAL HOUSING	Stainless steel / AISI 316L
Wear Ring	Stainless steel / AISI 316L
Counterwear ring	Stainless steel / AISI 316L
Shaft extension	Stainless steel / AISI 316L
Rigid shaft coupling	Stainless steel / AISI 316
Impeller locknut and washer	Stainless steel / AISI 316
Tab	Stainless steel / AISI 316L

Shaft Seal

Single Seal	
e-SH - uniten	Roten
Rotating Assembly	V-Ceramic
Fixed Assembly	B-Resin impregnated carbon
Elastomers	V-FKM (FPM)
Springs	G-AISI 316
Other Components	G-AISI 316

Motor data

Manufacturer	Lowara	Electric voltage	400 V
Specific design	IE3 Three phase surface motor		
Type	PLM90.../330 E3		
Rated power	3 kW	Electric current	6.33 A
Speed	2880 rpm	Degree of protection	IP 55
Frame size	90	Weight	25 kg
Shaft diameter	0 mm	Colour	RAL 5010
Insulation class	F		

Coupling

Manufacturer	
Series	
Type	
Frame size	
Spacer length	
Weight	
Coupling protection	

Base plate

Description
Weight

Remarks:

Customer	Date	12/8/2020
Contact	Project	
Phone number	Project no.	
Email		

ESHE 32-200/30/P25RSSA

101860190

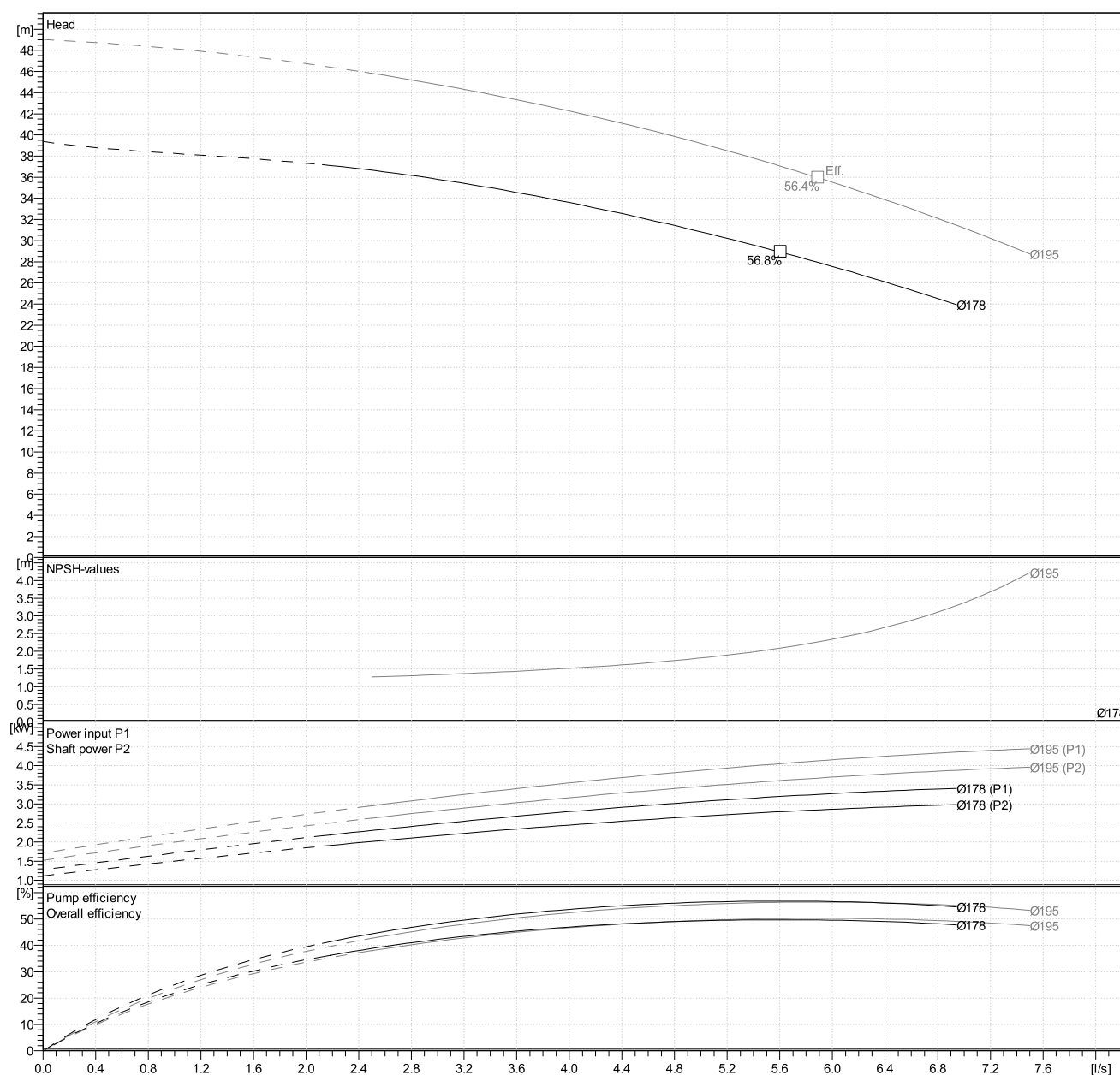
Hydraulic data

Operating Data Specification		Hydraulic data (duty point)	Impeller design	
Flow	0 l/s	Flow	Impeller R	178 mm
Head	0 m	Head	Frequency	50 Hz
Static head	0 m	MEI $\geq 0,4$	Speed	2900 rpm

Power data referred to:

Water, pure [100%] ; 4°C; 1000kg/m³; 1.57mm²/s

Performance according to ISO 9906:2012 – Grade 3B



ESHE 32-200/30/P25RSSA
101860190

G 3/8 FILL

G 3/8 DRAIN

CLEARANCE FOR DISASSEMBLY

SHE WITH PUMP SUPPORT FOOT MOTORS UP TO 11kW

PUMP FLANGES							
DN	D	M	G	HOLES		MAX. THICKNESS	
				Nº	DIA.		
25	115	85	56	4	18	16	
32	140	100	64	4	18	16	
40	150	110	68	4	18	16	
50	165	125	83	4	18	18	
65	185	145	104	4	18	18	
80	200	160	116	8	18	20	
100	225	180	142	8	18	20	

G 3/8 FILL

G 3/8 DRAIN

CLEARANCE FOR DISASSEMBLY

*** SHE WITH SUPPORT UNDER THE MOTOR
15 TO 22kW MOTORS**