

WDA Pompen BV

Hazenweg 2
NL-7556 BM Hengelo
0031 6 83702404
wdamste@wdapompen.nl

Customer Contact	Date	2017-08-04
Phone number	Project	
Email	Project no.	

ESHE 32-250/75/P26PSSA

101870230

Operating data

Pumpe type	Single head pump	Fluid	Water, pure
No. of pumps / Reserve	1 / 0	Operating temperature t A	°C 4
Nominal flow	m ³ /h 0	pH-value at t A	7
Nominal head	m 0	Density at t A	kg/dm ³ 1
Static head	m 0	Kin. viscosity at t A	mm ² /s 1,569
Inlet pressure	bar 0,098	Vapor pressure at t A	bar 0,0234
Environmental temperature	°C 20	Solids	0
Available system NPSH	m 0	Altitude	m 1000

Pump data

Make	Lowara	Nominal	m ³ /h ()
Speed	1/min 3500	Flow Max-	m ³ /h 26,5
Number of stages	1	Min-	m ³ /h 9
Max. casing pressure	bar	Nominal	m
Max. working pressure	bar 6,9	Head at Qmax	m 50,6
Head H(Q=0)	m 70	at Qmin	m 67,1
Weight	kg	Shaft power	kW ()
Impeller R	Max. mm 220	Max. shaft power	kW 7,4
	designed mm 197	Efficiency	%
	Min. mm 183	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 casing	Stainless steel / AISI 316L
Wear ring	Stainless steel / AISI 316L
Counterwear ring	Stainless steel / AISI 316L
Shaft extension	Stainless steel / AISI 316
Rigid shaft coupling	Stainless steel / AISI 316
Impeller locknut and washer	Stainless steel / AISI 316
Tab	Stainless steel / AISI 316L

Shaft Seal

Mechanical 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	PLM132.../375 E3	Electric current	14,2 A
Rated power	7,5 kW	Degree of protection	IP 55
Speed	3540 1/min	Insulation class	B
Frame size	132	Weight	0 kg
Shaft diameter	0 mm	Colour	RAL 5010

Coupling

Manufacturer	
Series	
Type	
Frame size	
Spacer length	
Weight	
Coupling protection	

Base plate

Description	
Weight	

Remarks:

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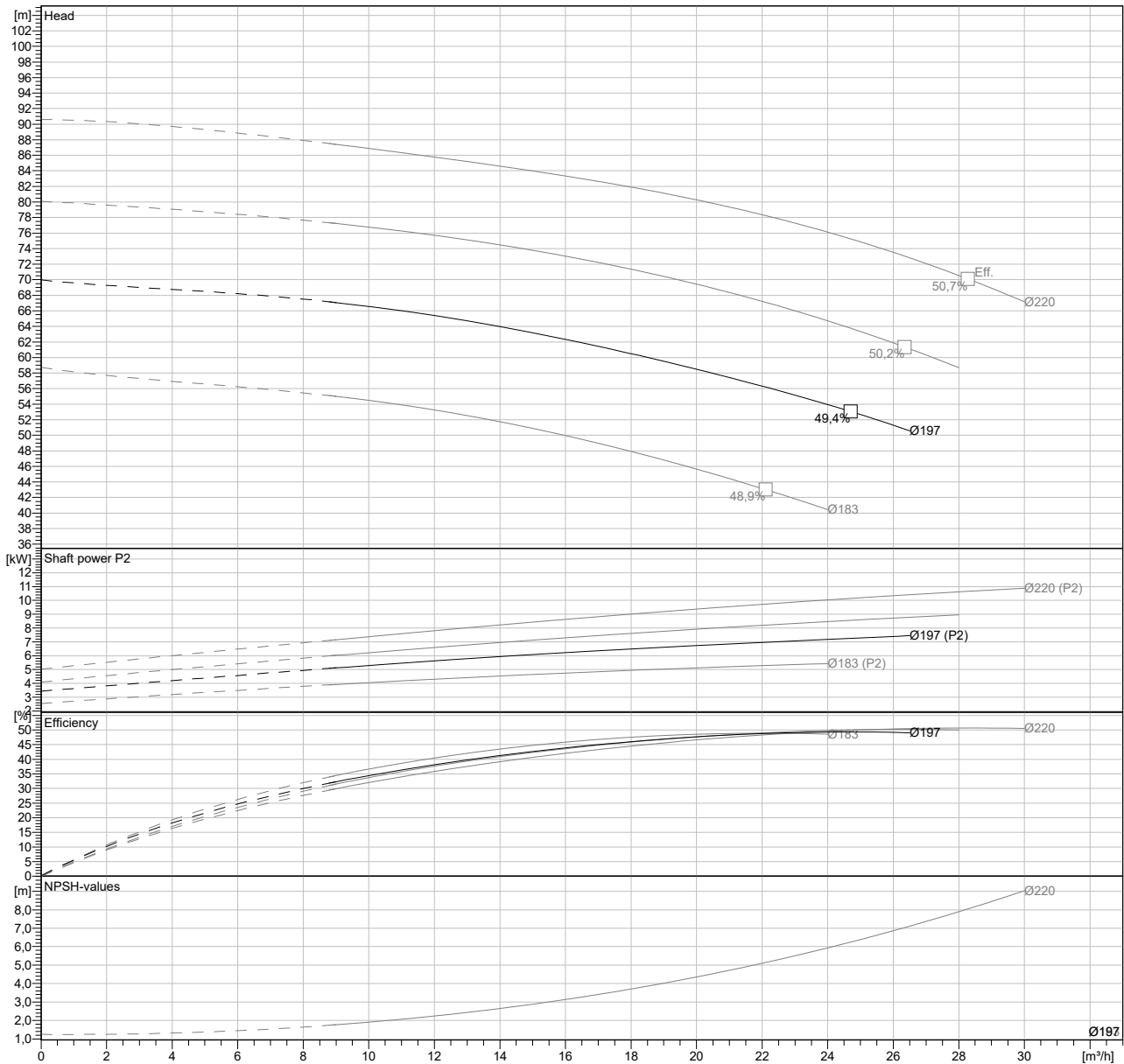
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Hydraulic data

Operating Data Specification		Hydraulic data (duty point)		Impeller design	
Flow	0 m ³ /h	Flow		Impeller R	197 mm
Head	0 m	Head		Frequency	60 Hz
Static head	0 m			Speed	3500 1/min

Power datas referred to:
 Water, pure [100%]; 4°C; 1kg/dm³; 1,57mm²/s
 Performance according to ISO 9906 - Annex A



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Dimensions mm / m³

a	100		
B	345		
DNA	50		
DNM	32		
h1	180		
h2	225		
Hmax	405		
k	98		
L	567		
n	265		
n1	130		
w1	305		
x	191		
		Total weight	84 kg

Connections mm

Suction nozzle	Discharge nozzle
DN 50	DN 32
PN 12	PN 12
EN1092-2 (e-SH)	EN1092-2 (e-SH)

D	165	D	140
Dia. Holes	18	Dia. Holes	18
DN	50	DN	32
G	83	G	64
M	125	M	100
Max thickness	18	Max thickness	16
N° Holes	4	N° Holes	4

Drawing

