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Technical Data

NSCE 32-200/75/P26PCS4

101850110

Operating data

Pumpe type	Single head pump		Fluid			Water, pure
No. of pumps / Reserve		1 / 0	Operating temperature t A		°C	4
Nominal flow		m³/h 0	pH-value at t A			7
Nominal head		m 0	Density at t A		kg/dm³	1
Static head		m 0	Kin. viscosity at t A		mm²/s	1.569
Inlet pressure		bar 0.098	Vapor pressure at t A		bar	0.0083
Environmental temperature		°C 20	Solids			0
Available system NPSH		m 0	Altitude		m	1000

Pump data

Make	Lowara			Nominal	m³/h	( )	
Speed		1/min 3500	Flow	Max-	m³/h	34	
Number of stages		1		Min-	m³/h	9.7	
Max. casing pressure		bar		Nominal	m		
Max. working pressure		bar 5.8	Head	at Qmax	m	41.9	
Head H(Q=0)		m 59		at Qmin	m	58.3	
Weight		kg	Shaft power		kW	( )	
	Max.	mm 198	Max. shaft power		kW	7.1	
Impeller R	designed	mm 171	Efficiency		%		
	Min.	mm 171	NPSH 3%		m		
Suction nozzle		DN 40 PN 16 EN1092-2 (NSC-LNE)	Discharge nozzle			DN 32 PN 16 EN1092-2 (NSC-LNE)	

Pump Materials

Volute casing	Cast iron
Casing cover	Cast iron
impeller	Fabricated Stainless Steel
Shaft	Stainless steel
Wear ring	Stainless steel
Impeller lock nut and washer	Stainless steel
Impeller key	Stainless steel
Fill and drain plugs	Stainless steel

Shaft Seal

e-NSC Unbalanced mechanical seal	
e-NSC - MG1S2 (-25 / +90 °C)	Burgmann
Rotating Assembly	Resin impregnated carbon
Fixed Assembly	Silicon Carbide
Elastomers	EPDM
Springs	AISI 316
Other Components	AISI 316

Motor data

Manufacturer	Lowara	Electric voltage	220 V
Specific design	IE3 Three phase surface motor (NSC)		
Type	PLM132B14S2/375 E3 [6P]	Electric code	4025 A
Rated power	7.5 kW	Degree of protection	IP 55
Speed	3540 1/min	Insulation class	F
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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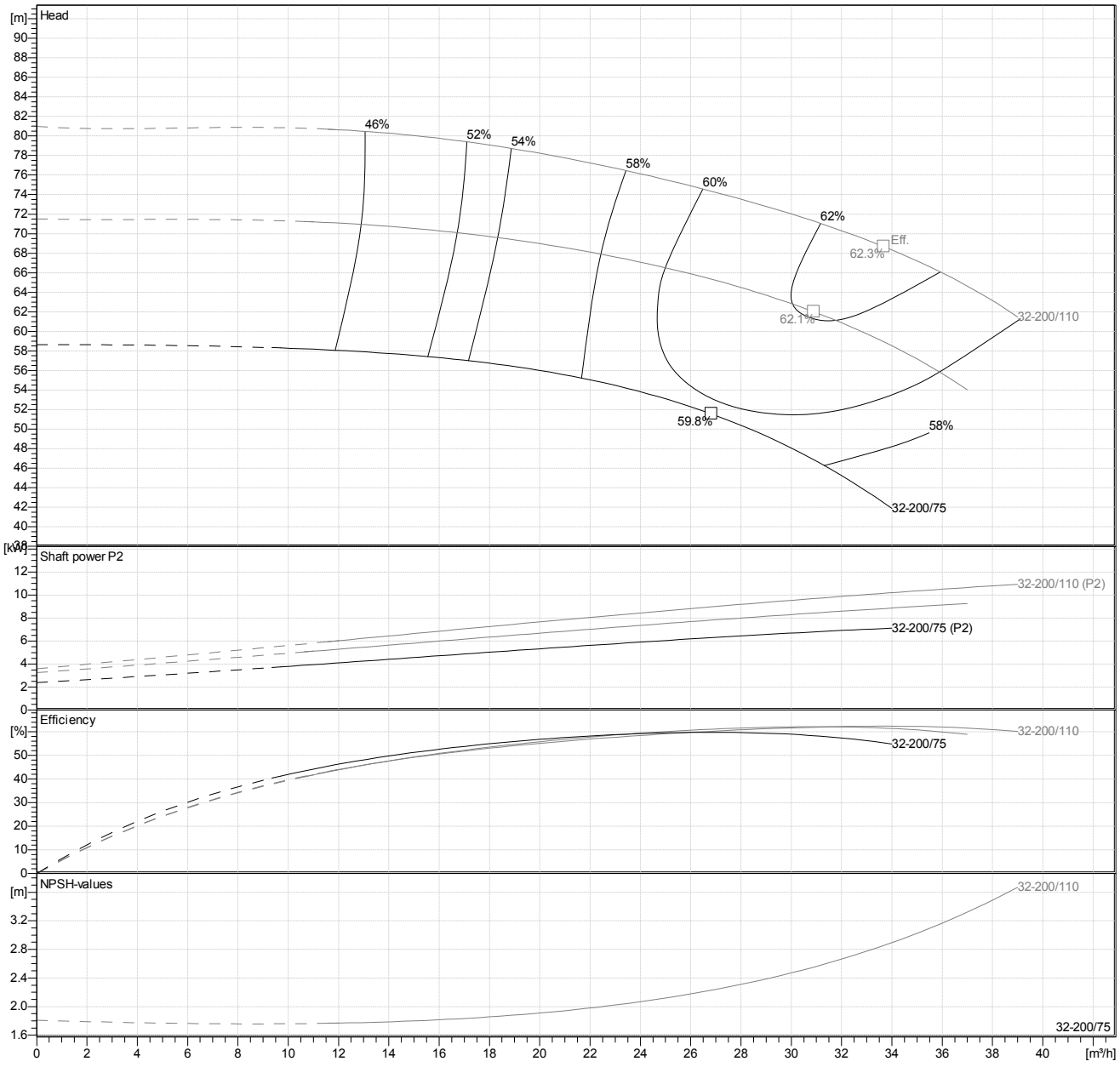
Hydraulic data

Operating Data Specification		Hydraulic data (duty point)		Impeller design	
Flow	0 m³/h	Flow		Impeller R	171 mm
Head	0 m	Head		Frequency	60 Hz
Static head	0 m			Speed	3500 1/min

Power datas referced to:
Water, pure [100%] ; 4°C; 1kg/dm³; 1.57mm²/s
Performance according to ISO 9906:2012 – Grade 3B



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Dimensions mm/m³

a	80		
AD	191		
B max	286		
b	50		
DND	32		
DNS	50		
g1	14		
H max	351		
h1	160		
h2	180		
L	547		
m1	100		
m2	70		
n1	240		
n2	190		
s1	14		
Type	A		
W	305		
x	86		
		Total weight	78 kg

Connections mm

Suction nozzle	Discharge nozzle
DN 40	DN 32
PN 16	PN 16
EN1092-2 (NSC-LNE)	EN1092-2 (NSC-LNE)

C	18	C	18
D	150	D	140
df	84	df	76
DN	40	DN	32
K	110	K	100
L	4 x 19	L	4 x 19

Value C, D may vary from Standard

Drawing