LOWARA
a xylem brand

Technical Data

Customer	Date 2015-11-05
Contact	Project
Phone number	Project no.
Email	

33SV4/2AG075T

RSK 5882112

101680091

Operating data

Pumpe 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/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	0,0234
Environmental temperature	°C	20	Solids		0
Available system NPSH	m	0	Altitude	m	1000

Pump data

Make	Lowara			Nominal	l/s	(	)
Speed	1/min	2900	Flow	Max-	l/s	11,1	
Number of stages		4		Min-	l/s		
Max. casing pressure	bar			Nominal	m		
Max. working pressure	bar	8	Head	at Qmax	m	47,1	
Head H(Q=0)	m	82		at Qmin	m	82	
Weight	kg	125	Shaft power		kW	(	)
Max.	mm	133	Max. shaft power		kW	8	
Impeller R designed	mm	133	Efficiency		%		
Min.	mm	133	NPSH 3%		m		

Pump Materials

Pump body	Cast iron
Lower support	Cast iron
impeller	Stainless steel / AISI 316L
Diffuser	Stainless steel / AISI 304
Outer sleeve	Stainless steel / AISI 304
Shaft	Stainless steel / AISI 431
Wear ring	Technopolymer PPS
Coupling	Cast iron
Upper head	Cast iron
Seal casing	Cast iron
Mechanical seal	Slicon carbide / EPDM
Elastomers	EPDM
Adapter	Cast iron
Shaft sleeve and bushing	Tungsten carbide
Coupling protection	Stainless steel / AISI 304

Shaft Seal

Single seal	Roten
SV - Uniten	
Rotating Assembly	Q1-Silicon carbide
Fixed Assembly	B-Resin impregnated carbon
Elastomers	E - EPDM
Springs	G-AISI 316
Other Components	G-AISI 316

Motor data

Manufacturer	Lowara	Electric voltage	400 V	Speed	2935 1/min	Insulation class	F
Specific design	IE3 Three phase surface motor			Frame size	132	Colour	RAL 5010
Type	PLM132.../375 E3	Electric current	14,1 A				
Rated power	7,5 kW	Degree of protection	IP 55				

Remarks:

Customer		Date	2015-11-05
Contact		Project	
Phone number		Project no.	
Email			

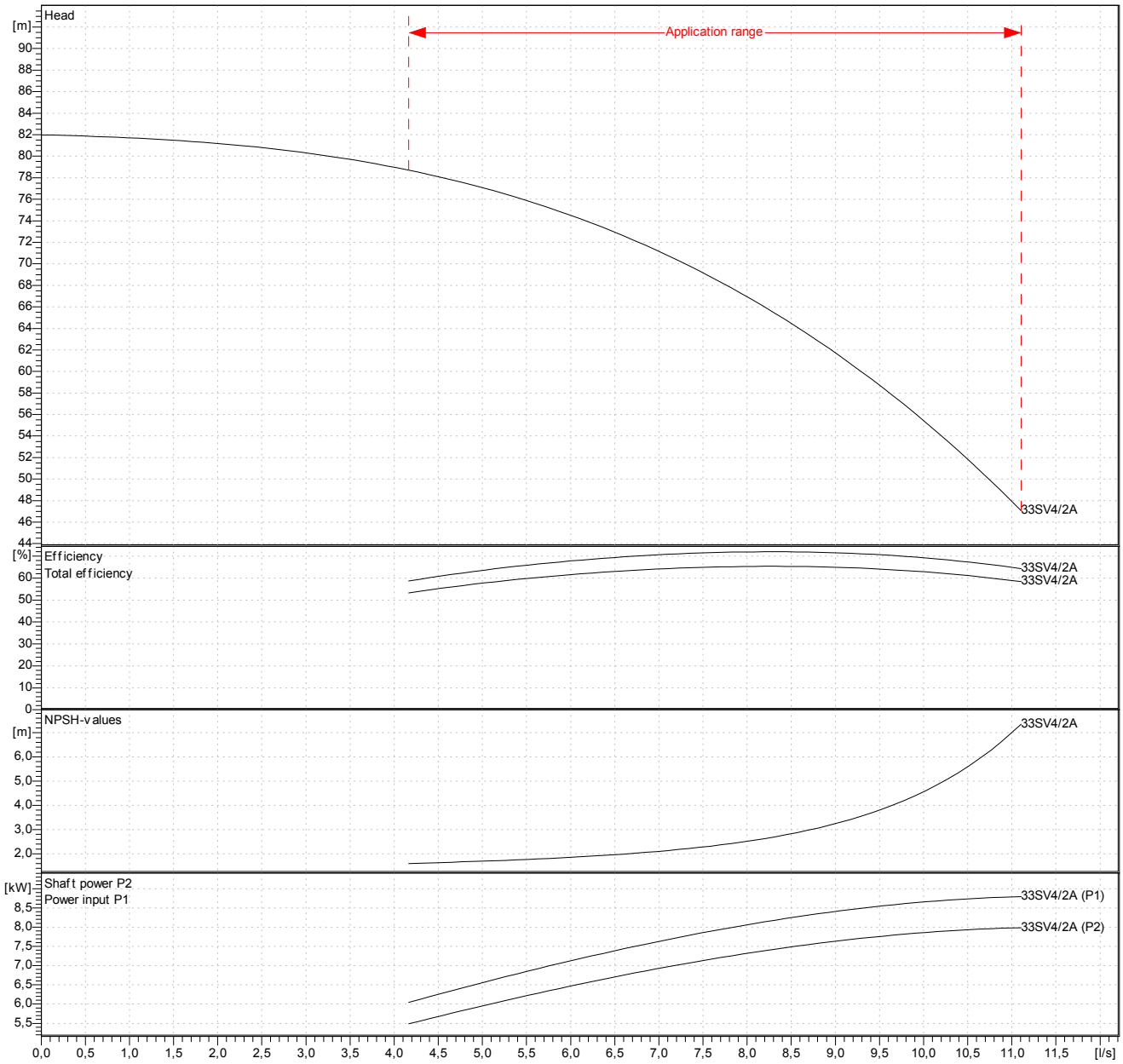
33SV4/2AG075T

101680091

Hydraulic data

Operating Data Specification		Hydraulic data (duty point)		Impeller design	
Flow	0 l/s	Flow		Impeller R	133 mm
Head	0 m	Head		Frequency	50 Hz
Static head	0 m	MEI >= 0,7		Speed	2900 1/min

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



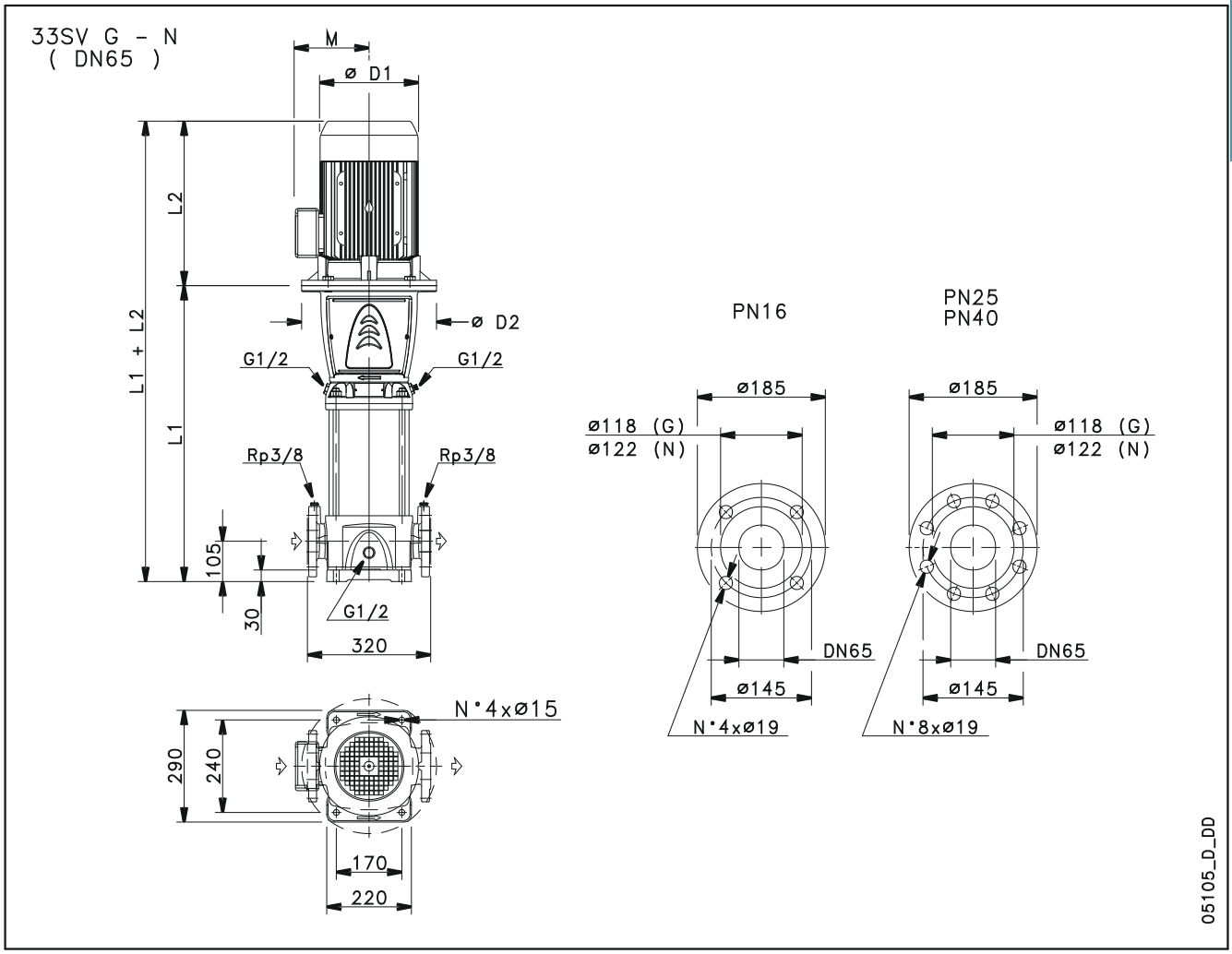
LOWARA
a xylem brand

Customer Contact Phone number Email	Date 2015-11-05 Project Project no.

33SV4/2AG075T

101680091

Drawing



Dimensions mm

D1 D2 L1 L2 M	256 300 734 367 191					Weight 125 kg