

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

33SV2/1AG040T

RSK 5882110

101680041

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	Low ara	Nominal	l/s ()
Speed	1/min 2900	Max-	l/s 11,1
Number of stages	2	Min-	l/s
Max. casing pressure	bar	Nominal	m
Max. working pressure	bar 4	Head at Qmax	m 22,2
Head H(Q=0)	m 41	at Qmin	m 40,8
Weight	kg 83	Shaft power	kW ()
Max.	mm 133	Max. shaft power	kW 3,9
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	Silicon 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	Low ara	Electric voltage	400 V	Speed	2890 1/min	Insulation class	F
Specific design	IE3 Three phase surface motor			Frame size	112	Colour	RAL 5010
Type	PLM112.../340 E3	Electric current	7,56 A				
Rated power	4 kW	Degree of protection	IP 55				

Remarks:

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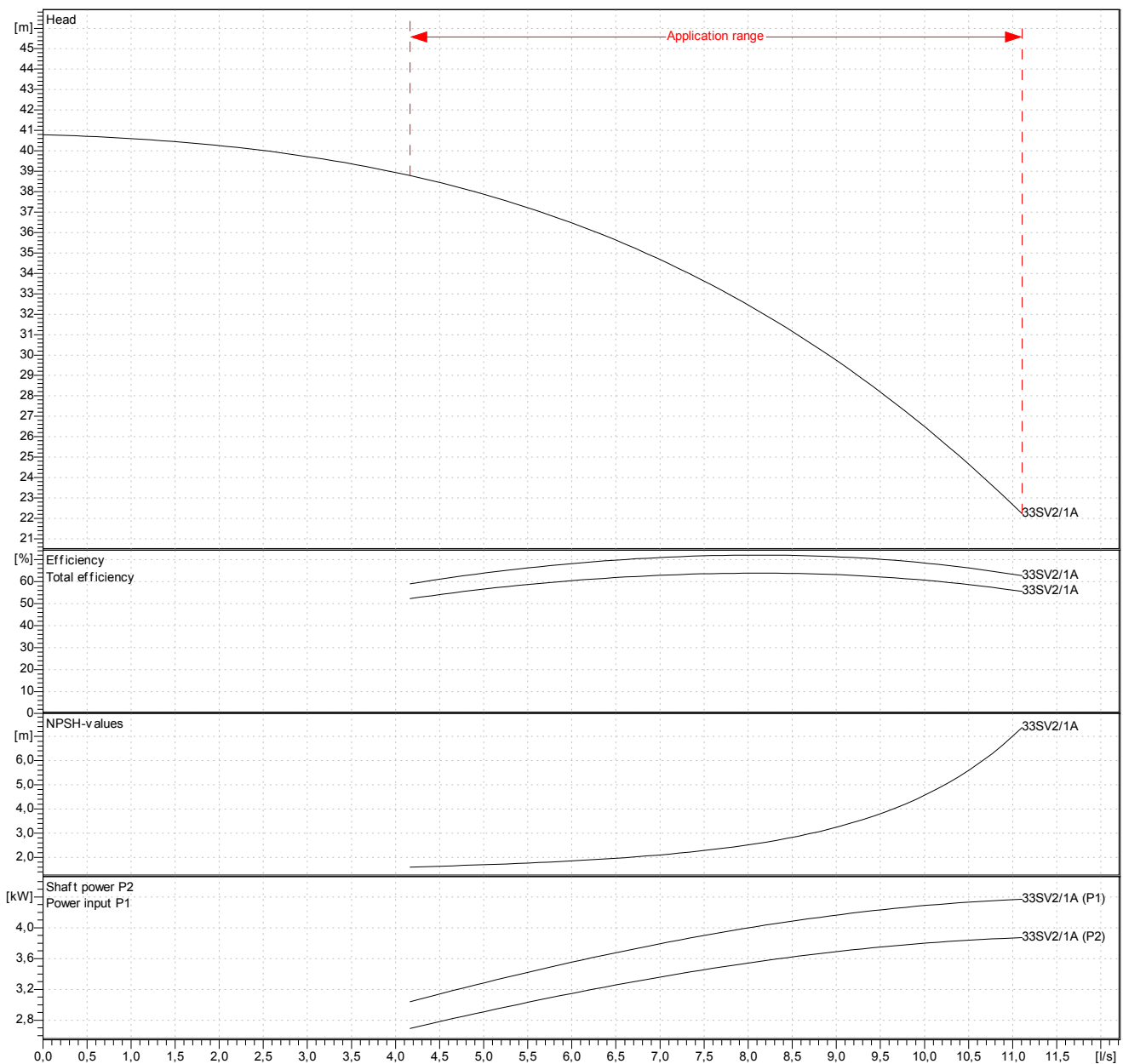
Hydraulic data

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 $\geq 0,7$		Speed	2900 1/min

Power datas referred to:

Water, pure [100%] ; 4°C; 1kg/dm³; 1,57mm²/s

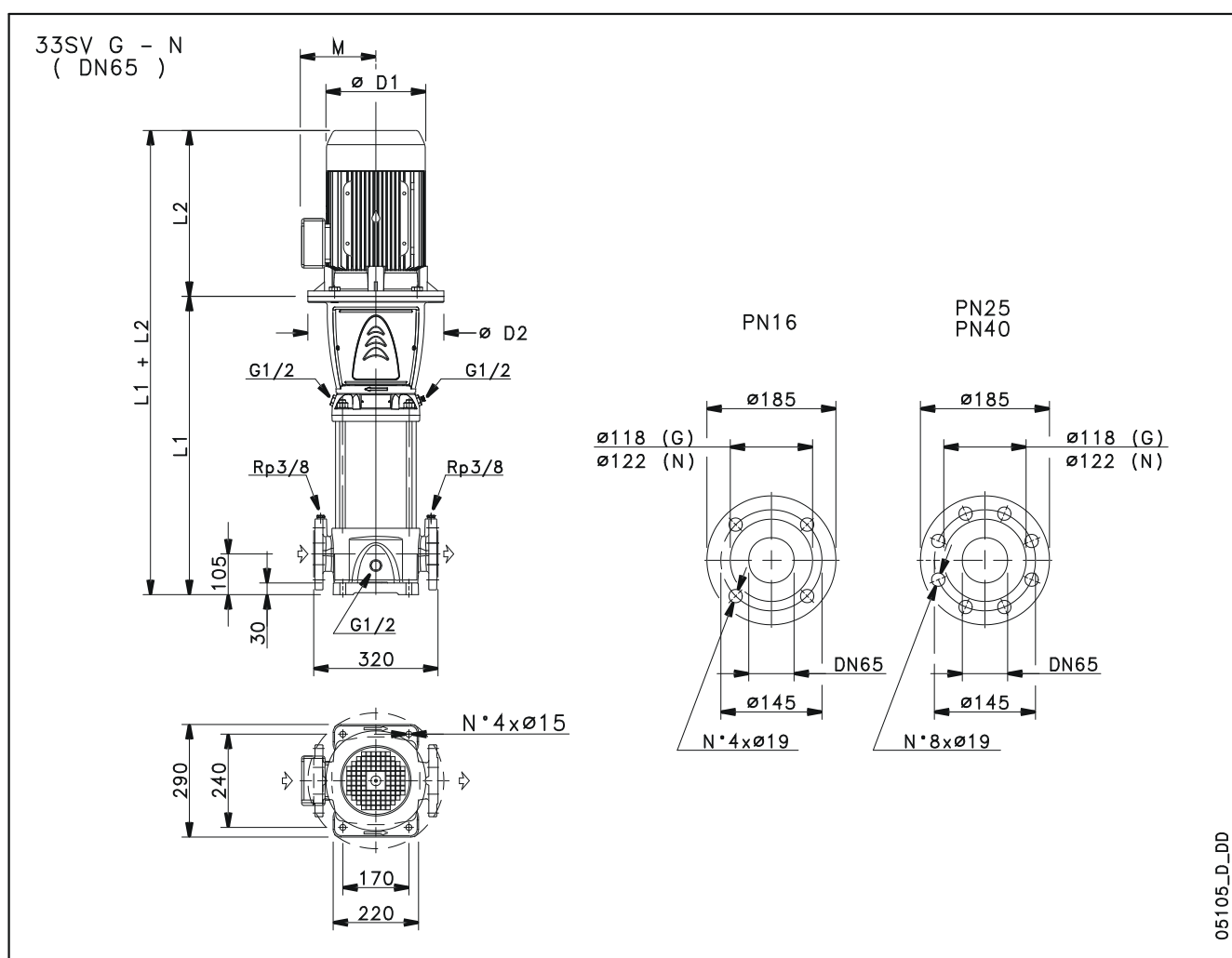
Performance according to ISO 9906 - Annex A



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Drawing



Dimensions mm

D1	197					Weight
D2	164					82,5 kg
L1	564					
L2	319					
M	154					