

Submersible motor pump
Amacan S 900-620/2906UAG2
Operating Data

Flow rate	722	l/s	Pumped product	Sewage
Discharge head	31,6	m	Operating temperature t/o	30 °C
Efficiency	84	%	Max. allow. temperature	30 °C
			Density (t/o)	1 kg/dm ³
			Power input of pump (P2)	265,4 kW
			Design speed	991 1/min

Design

Explosion protection to ATEX	no	Shaft seal	2 Bellows mech. seals
Impeller diameter	585	Function	bi-direct'l in tandem arrang.
Free passage	58 mm	Type	SiC/SiC
DN discharge column	900 mm	Bearing bracket	Rolling element bearings
		Lubrication	grease lubricated

Accessories, Drive

Drive	Electric motor	Shackle, stainless steel	1	PC
Motor size	290 UTG	Temp.sensor for antifric.bear.		with
Nominal voltage	400 V	Cable unit, carrier cable	4,6	m
Rated current	510 A	Cable sect., carrier cable eye	1	PC
Start up current	2805 A			
IA / IN	5,500000			
Frequency	50 Hz			
Design speed	990 1/min			
No. poles	6			
Rated power P2	290 kW			
Thermal class	F			
Type of protection	IP68			
Thermal motor protection	Bimetal switch/PTC			
Explosion protection	w/o			
Motor moisture protection	Moisture sensor			
Start up mode	direct or Star/Delta			
Leakage monitoring device	Float switch			
Power cable	4x 4G50			
Control cable	1x 10G1.5			
Cable length	10 m			

Materials

Material-Code	G2	Bearing housing	JL1040
Casing gasket	NBR	Bearing cover	JL1030
Impeller	1.4517	Casing wear ring	1.4571
Pump bowl	JL1040	Pump shaft	1.4021
Tie bolts	A4	Motor casing	JL1040
		Motor casing cover	JL1040
		Bellmouth	JL1030
		Lug	S235JRG2
		Cable sheath	S1BN8-F

Coating, Packing, Nameplates

Preparatory treatment	to SA 2 1/2 DIN 55928
Primer	Iron oxide 35-40 µm
Coating	2-Component Epoxy resin
Finish coat	RAL 5002, ultramarine blue
Film thickness	min. 250 µm

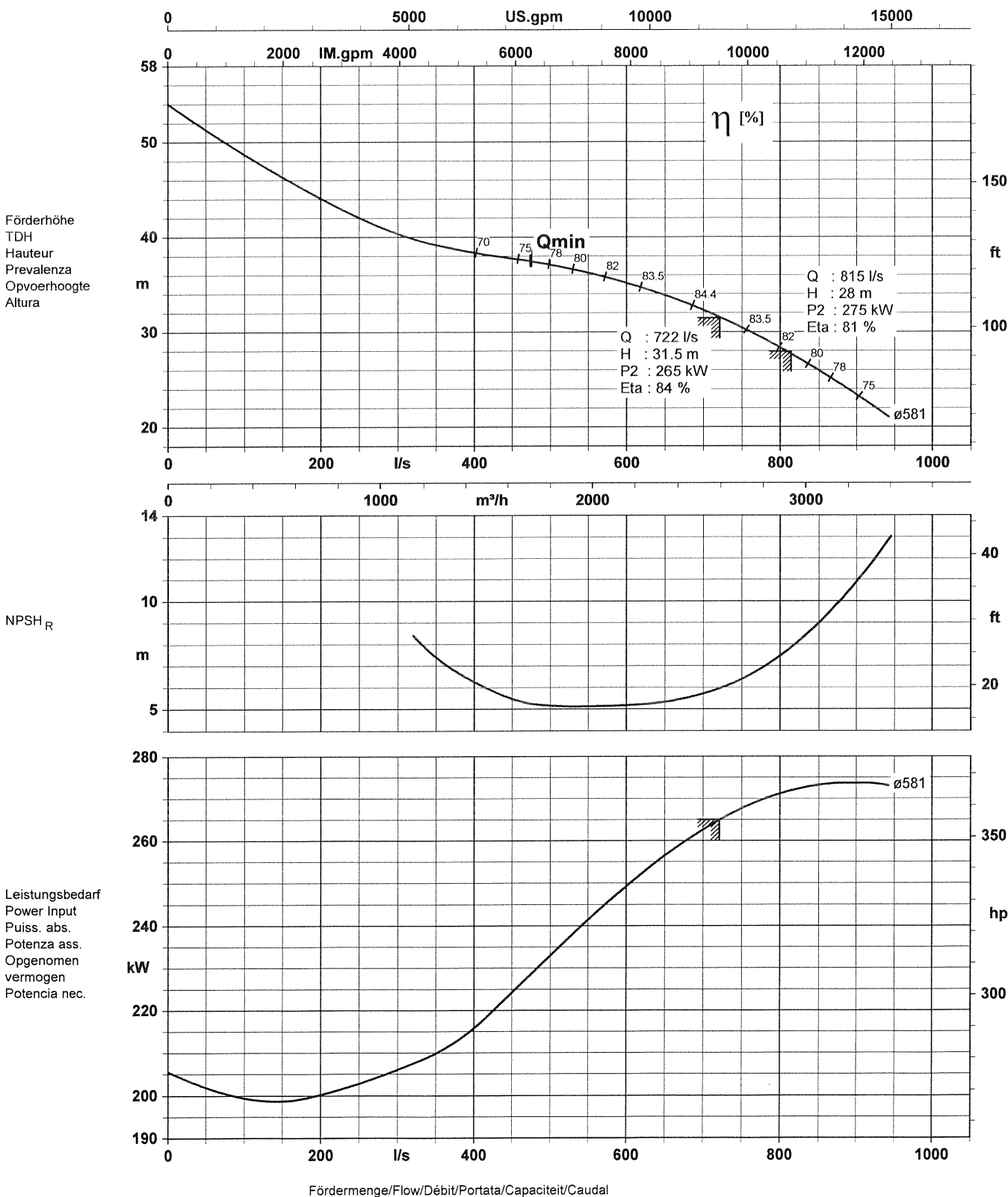
Documentation, Certificates

Documentation (Quantity)	1
Documentation Language	english

Product Inspections To

Performance test	without Customer
to class	ISO 9906/2
Language	english

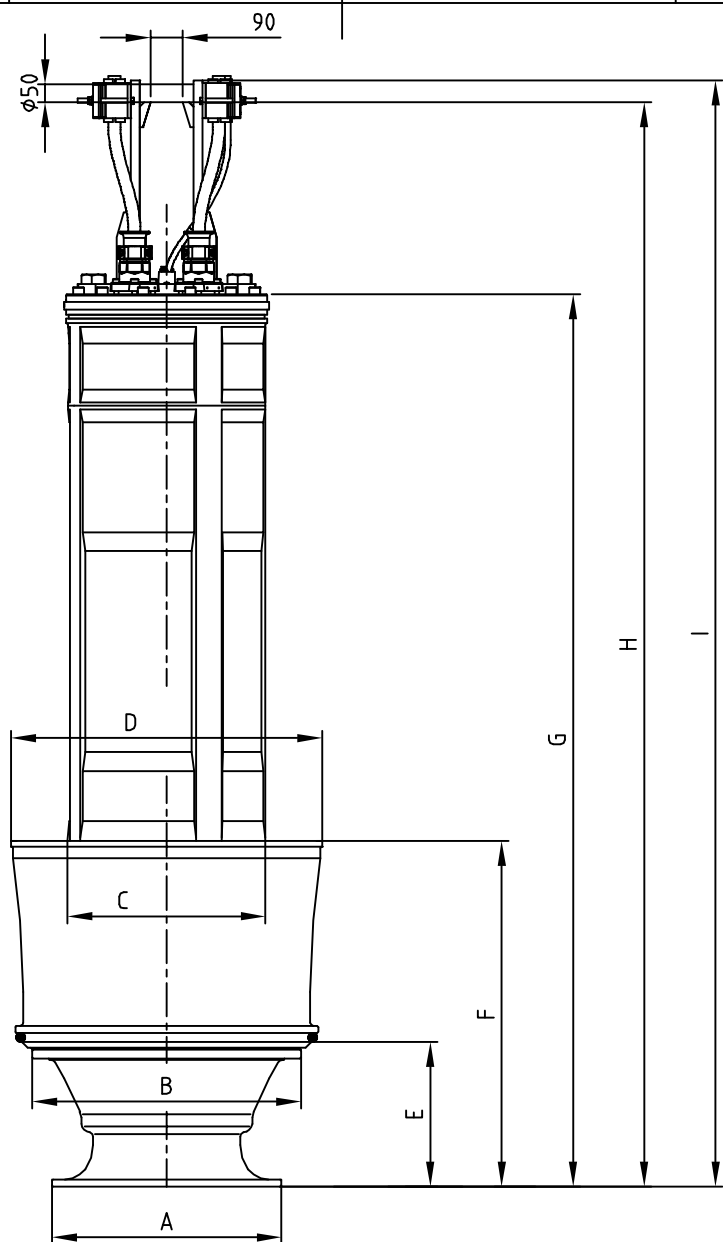
Baureihe-Größe Type-Size Modèle	Tipo Serie Tipo	Nenn Drehzahl Nom. speed Vitesse nom.	Velocità di rotazione nom. Nominaal toerental Revoluciones nom.	Lauf rad-ø Impeller dia. Diamètre de roue	ø girante Waaier ø ø rodete	
Amacan S 900-620		990 1/min		581 mm		
Projekt Project Projet	Progetto Projekt Proyecto	Angebots-Nr. Quotation No. N° de l'offre	N° offerta Offertenr. N° oferta	Pos.-Nr. Item No. N° de pos.	N° pos Pos. nr. N° de art	KSB Aktiengesellschaft Postfach 200743 06008 Halle (Saale) Turmstraße 92 06110 Halle (Saale)
ALSIHA		9971873025				



Lauf rad austrittsbreite/Impeller outlet width/Largeur à la sortie de la roue
 Luce della girante/Waaier uittredebreedte/Anchura de salida rodete

69 mm
 69 mm

Aus Kurve K42919 gerechnet
 T157-Ha, Mathusalem Peter, 2011-01-21



	ϕA	ϕB	ϕC	ϕD	E	F	G	H	I
SOLL	645	755	555	875	405	970	2505	3045	3105
IST - Pumpe 1									
IST - Pumpe 2									
IST - Pumpe 3									
IST - Pumpe 4									

CAD-Zeichnung/CAD-Drawing 0-E1211				Projekt/Project ALSIHA
Maßstab/Scale 1:20		2011-08-01	Broda	0
CAD		Baureihe-Größe/Type-Size Amacan S 900-620/2906 UAG2		KSB Auftrags-Nr./Order No 9971873025
A4		Maßtabelle Dimension table		KSB Werk-Nr./Work No 9971873025-200
		Bitte grundsätzlich bei Schriftverkehr angeben/Should always be stated in correspondence		Zeichnung-Nr./Drawing No EU 006216
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