

CZ 3501/816 3~ 1030

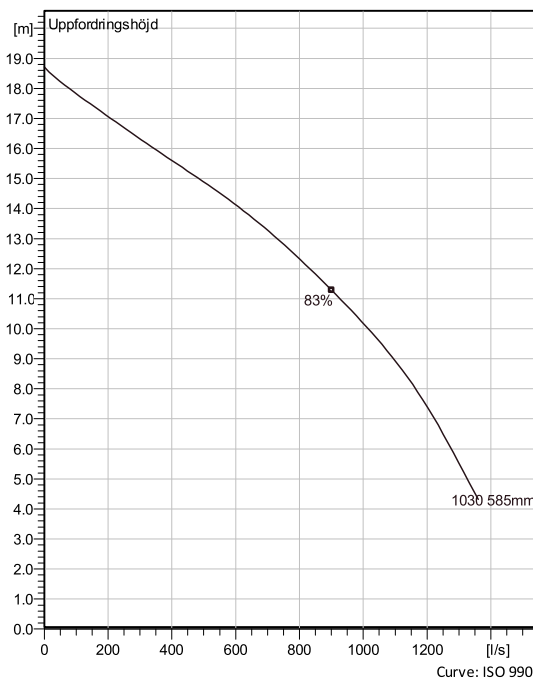
Avloppspumpar som klarar media med både mindre föremål och fibrer. Av gjutjärn och dubbla mekaniska tätningar.



Teknisk specifikation



Curves according to: Vatten, rent Vatten, rent [100%], 4 °C, 1 kg/dm³, 1.569 mm²/s



Konfiguration

Motor number
C0816.000 54-38-10ID-D
125KW

Hjuldiameter
585 mm

Installation
Z - horisontell, permanent,
torr

Utloppsdiаметer
500 mm

Konfiguration

Pump information

Impeller diameter
585 mm

Discharge diameter
500 mm

Inlet diameter
800 mm

Max varvtal
595 rpm

Antal skovlar
3

Throughlet diameter
110 mm

Max. fluid temperature
40 °C

Material

Pumphjul
Gjutjärn



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Teknisk specifikation



Motor - General

Motor number C0816.000 54-38-10ID-D 125KW	Faser 3~	Märkvarvtal 595 rpm	Märkeffekt 125 kW
Godkännande EN	Antal poler 10	Märkström 267 A	Stator variant 1
Frekvens 50 Hz	Märkspänning 400 V	Isolationsklass H	Driftstyp S1
Version code 000	Closed loop cooling system		

Motor - Technical

Effektfaktor - 1/1- last 0.72	Motorverkningsgrad - 1/1- last 94.2 %	Tröghetsmoment 11.8 kg m ²	Antal starter per timme 10
Effektfaktor - 3/4- last 0.65	Motorverkningsgrad - 3/4- last 94.5 %	Startström, direktstart 1350 A	
Effektfaktor - 1/2- last 0.53	Motorverkningsgrad - 1/2- last 94.1 %	Startström, YD-start 450 A	



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Prestandakurva

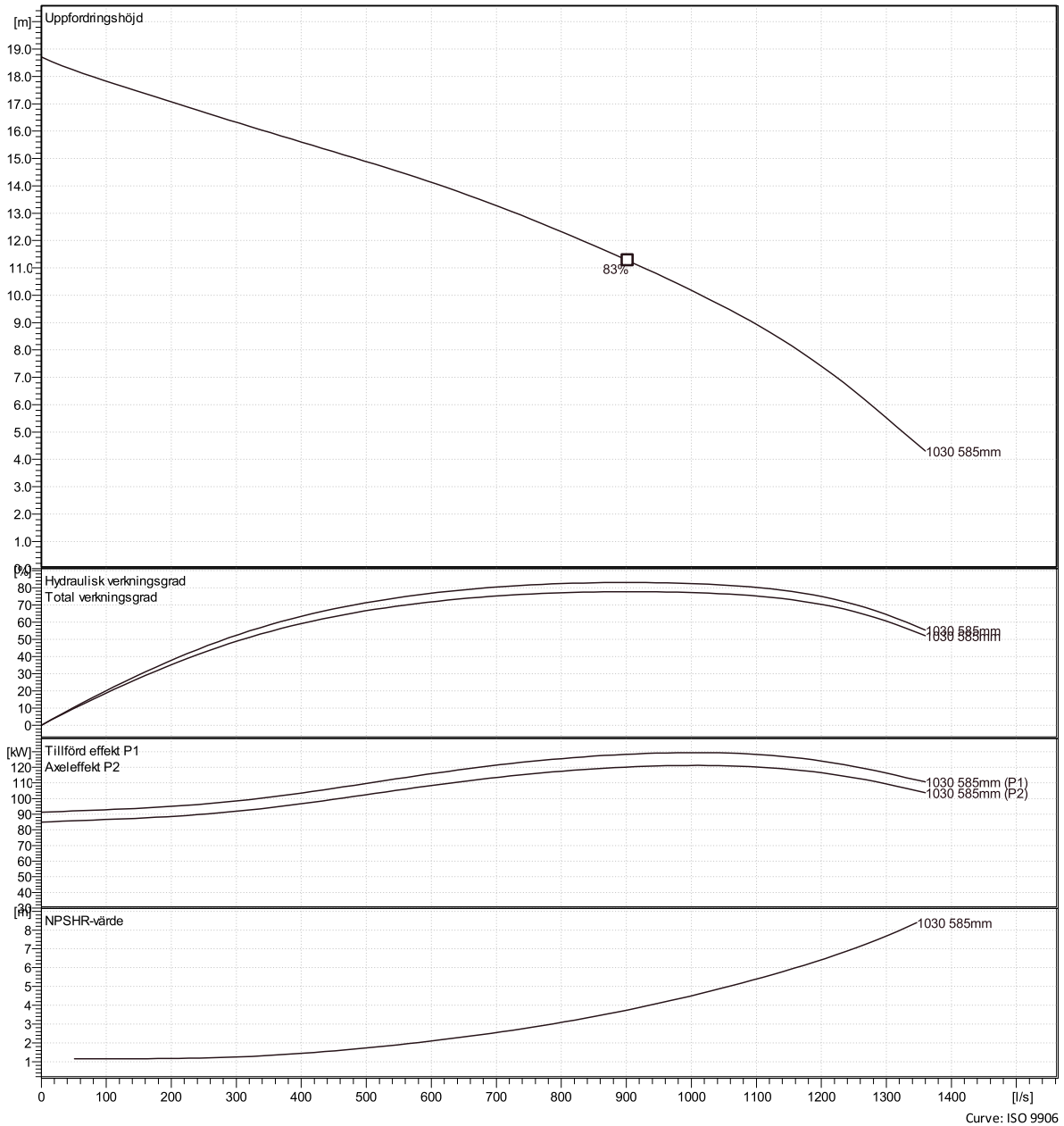


Driftspunkt

Flöde

Uppfordringshöjd

Curves according to: Vatten, rent Vatten, rent [100%], 4 °C, 1 kg/dm³, 1.569 mm²/s

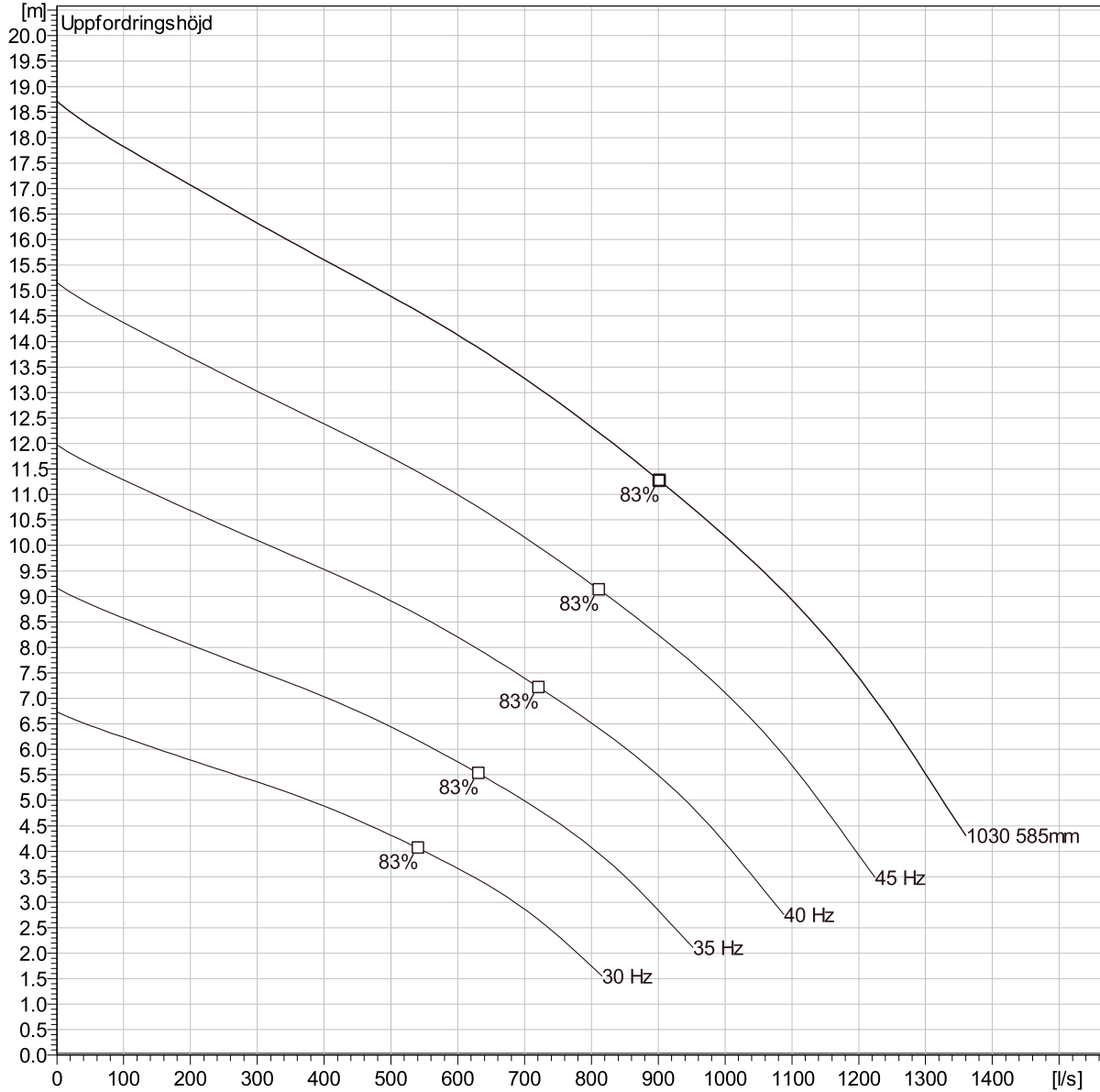


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Driftanalys



Curves according to: Vatten, rent [100%]; 4°C; 1kg/dm³; 1.569mm²/s



Operating characteristics

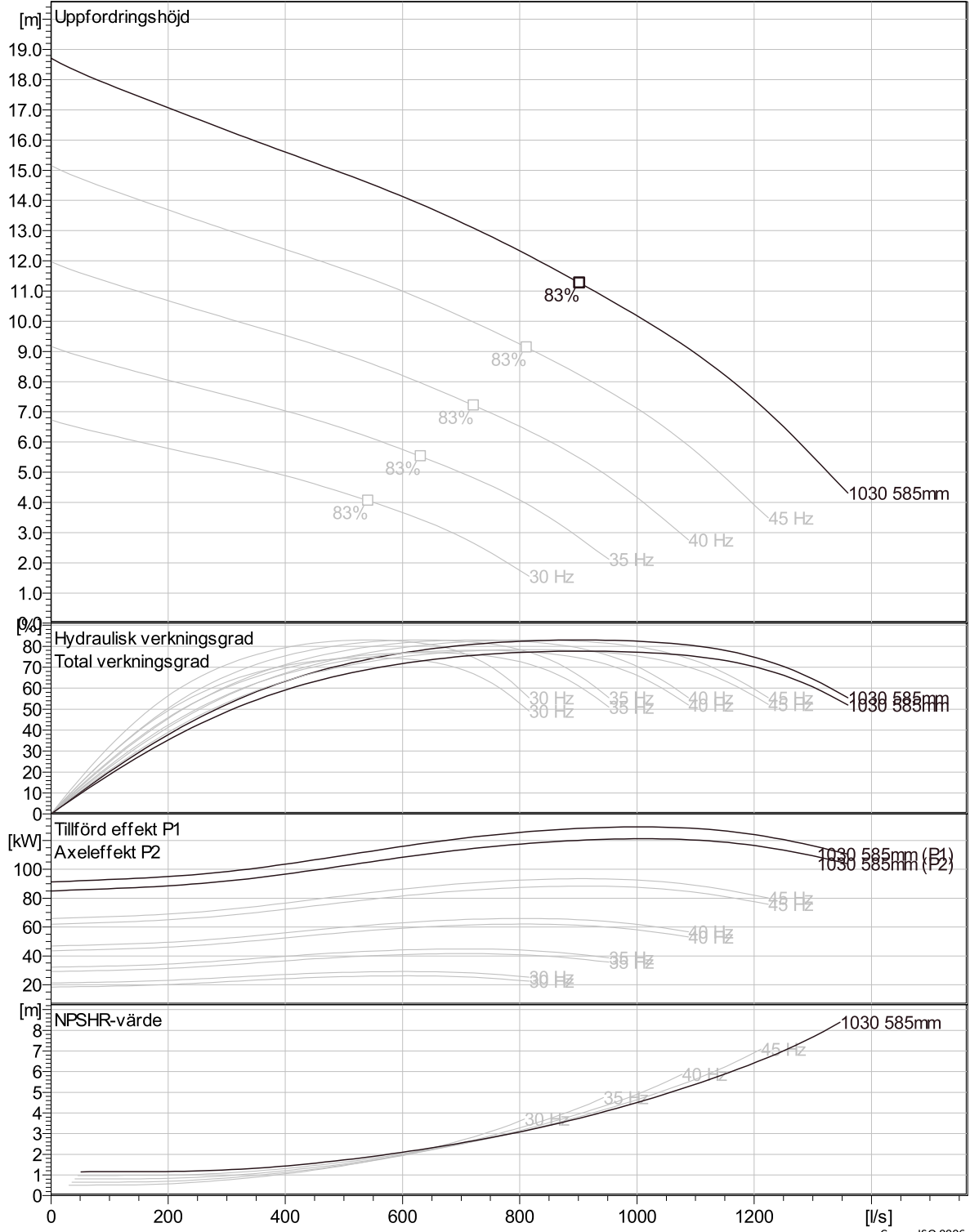
Pumps / Systems	Flöde l/s	Uppfordringshöjd m	Avgiven effekt P2 kW	Flöde l/s	Uppfordringshöjd d m	Avgiven effekt P2 kW	Hydr. Verkn.gr.	Spec. energi. kWh/l	NPSHre m
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VFD Kurvor

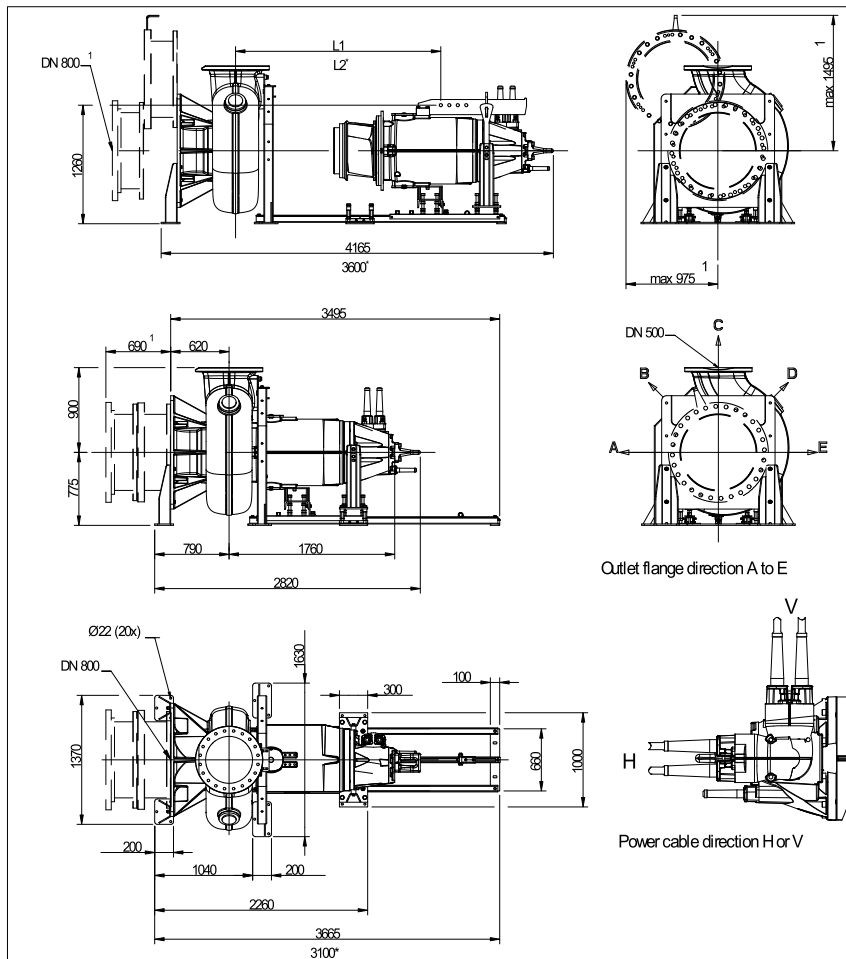


Curves according to: Vatten, rent, 4 °C, 1 kg/dm³, 1.569 mm²/s



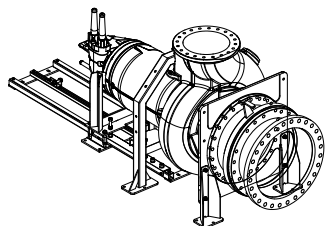
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Dimensionsritning



Outlet flange direction A to E

Power cable direction H or V



*) Mn separating distance for lifting

1) Service inlet, optional

Drive unit	L1	L2	Weight (kg)		
			Pump	Sled unit	Service Inlet
805/815	2180	1615	3700	410	520 ¹
805/816	2360	1795	3850	410	

Pump can be rotated around its center line to five positions relative to the inlet. Increments are 45°.

	CZ	3501	Serviceled	Discharge outlet: DN500	Scale: 1:50	Date: 221222
	805,815,806,816			Pump outlet: DN800	Drawing number: 6280601	Revision: 5