

Date: 1/2/2022

Count | Description

NBS 030-070/6.85



Product photo could vary from the actual product

Product No.: 92560304

The pumps are non-self-priming, single-stage, centrifugal volute pumps with axial inlet port, radial outlet port and horizontal shaft.

The pump has a back pull-out design enabling removal of the motor, motor stool, cover and impeller without disturbing the pump housing or pipework.

All pumps are according to ISO 5199 standards, adjusted for American dimensions on pump and its flanges.

Inlet and outlet flanges are according to ASME 16.1/16.42. Dimensions and rated performance are according to 175/363 PSI (12/25 bar).

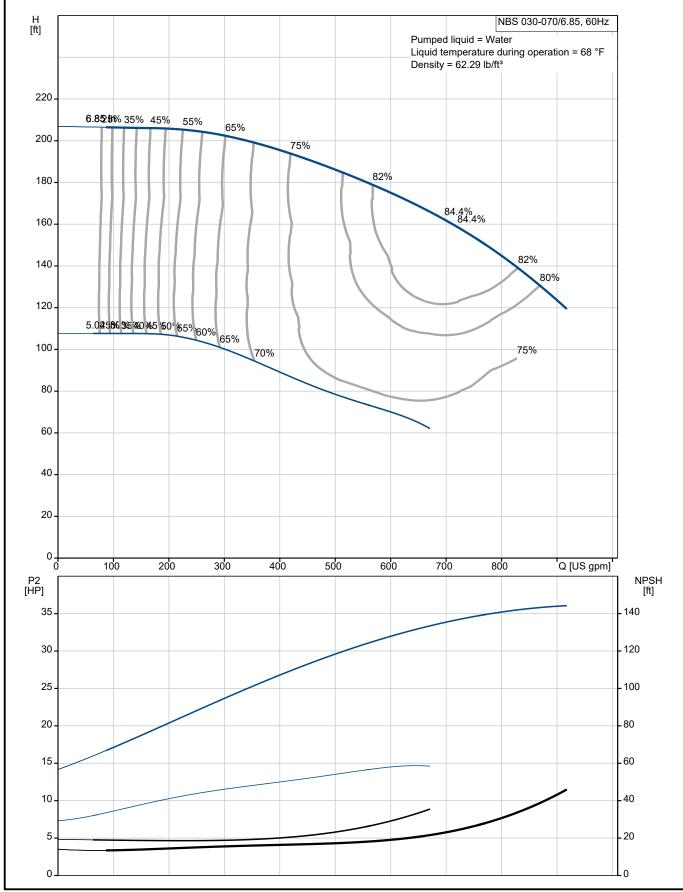
The mechanical shaft seal has dimensions according to EN 12756.

Motors are with main dimensions to NEMA standards. The pumps can be equipped with an MLE motor with integrated frequency converter or connected to a Grundfos CUE external frequency converter.



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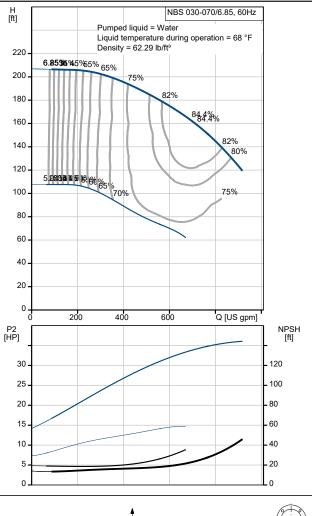
92560304 NBS 030-070/6.85 AASG6S5ESBQQERX2 60 Hz

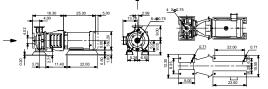




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Description	Value
General information:	NDO 000 000 1
roduct name:	NBS 030-070/6.85 AASG6S5ESBQQERX2
Product No.:	92560304
AN:	5715116271699
rice:	
echnical:	
Rated pump speed:	3540 rpm
Rated flow:	705 US gpm
Rated head:	160 ft
Actual impeller diameter:	6.85 in
Code for shaft seal:	BQQE
Curve tolerance:	2B HI 14.6:2016
Pump version:	A
Materials:	
Pump housing:	Cast iron
Pump housing:	EN-GJL-250
Pump housing:	ASTM A48-35
mpeller:	Stainless steel
Impeller:	EN 1.4308
mpeller:	AISI 304
Shaft:	Stainless steel
Shaft:	EN 1.4462
Shaft:	SAF 2205
nternal pump house coating:	No coating
Material code:	S5
Code for rubber:	E
nstallation:	
max amb:	104 °F
Maximum operating pressure:	174.05 psi
Type of connection:	ANSI
Size of inlet connection:	DN 100
Size of outlet connection:	DN 80
Pressure rating for connection:	Class 125
Mounting options design code:	C
Support block (Yes/No):	Y
Connect code:	G
Liquid:	Mater
Pumped liquid:	Water
Liquid temperature range:	-13 248 °F 68 °F
Selected liquid temperature: Density:	68 °F 62.29 lb/ft³
Density: Electrical data:	UL.LU IU/IL
Electrical data: Motor standard:	NEMA
	NEMA IE3 / NEMA Premium
E efficiency class:	40 HP
Rated power - P2: Main frequency:	40 HP
viain irequency: Rated voltage:	60 H2 3 x 230/460 V
Rated voltage:	92-46 A
Rated speed:	3540 rpm 2
Number of poles: Enclosure class (IEC 34-5):	TEFC
Mounting designation (IEC 34-7,	NEMA type C / foot
Code I):	11EW/119000/1001
Others:	
DOE Pump Energy Index CL:	0.92
Net weight:	874 lb
Gross weight:	876 lb
Shipping volume:	13.4 ft ³









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Description Country of origin:	Value US			
Country of origin:	US			



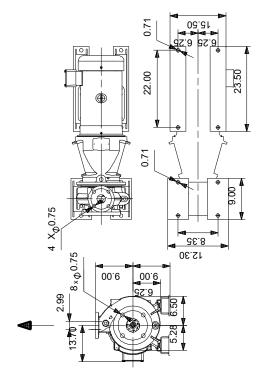
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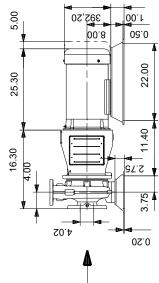
92560304 NBS 030-070/6.85 AASG6S5ESBQQERX2 60 Hz











Note! All units are in [in] unless otherwise stated. Disclaimer: This simplified dimensional drawing does not show all details.