

Date: 12/18/2021

Count | Description

NBS 012-070/6.97



Product photo could vary from the actual product

Product No.: On request

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).

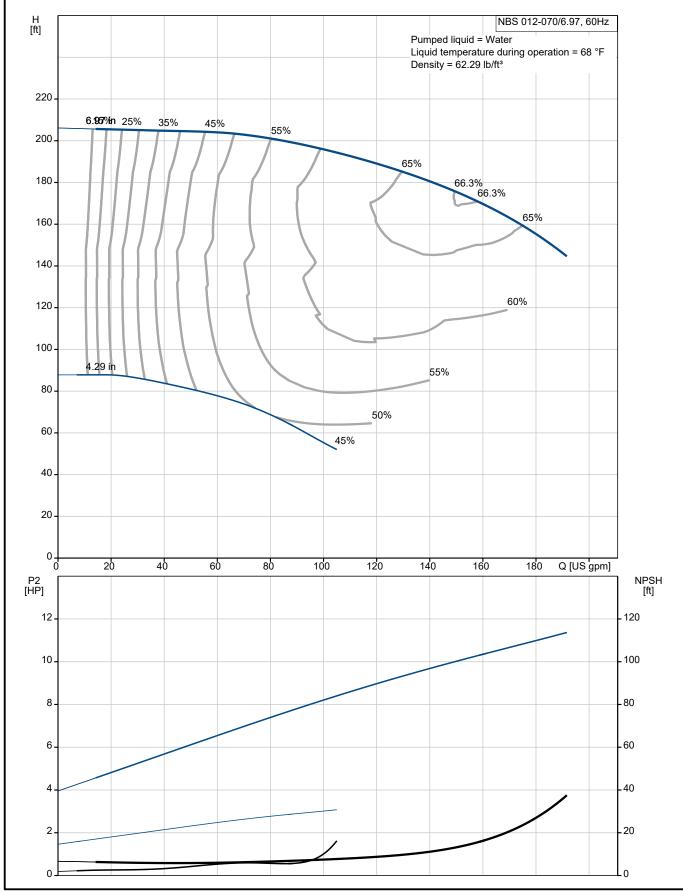
The mechanical shaft seal has dimensions according to EN 12756.

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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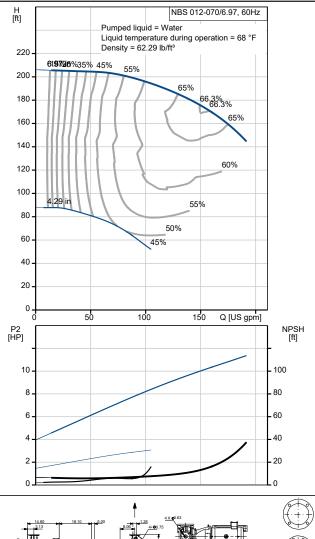
On request NBS 012-070/6.97 AASG6S5ESBQQENX2 60 Hz

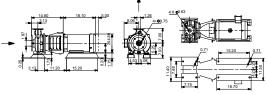




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Description	Value	
General information:		
Product name:	NBS 012-070/6.97 AASG6S5ESBQQENX2	
Product No.:	On request	
EAN:	On request	
Price:		
Technical:		
Rated pump speed:	3500 rpm	
Rated flow:	154 US gpm	
Rated head:	172 ft	
Actual impeller diameter:	6.97 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	
Impeller:	Stainless steel	
Impeller:	EN 1.4308	
Impeller:	AISI 304	
Shaft:	Stainless steel	
Shaft:	EN 1.4462	
Shaft:	SAF 2205	
Internal pump house coating:	No coating	
Material code:	S5	
Code for rubber:	E	
Installation:		
t max amb:	104 °F	
Maximum operating pressure:	174.05 psi	
Type of connection:	ANSI	
Size of inlet connection:	DN 50	
Size of outlet connection:	DN 32	
Pressure rating for connection:	Class 125	
Mounting options design code:	С	
Support block (Yes/No):	Υ	
Connect code:	G	
Liquid:		
Pumped liquid:	Water	
Liquid temperature range:	-13 248 °F	
Selected liquid temperature:	68 °F	
Density:	62.29 lb/ft³	
Electrical data:		
Motor standard:	NEMA	
IE efficiency class:	IE3 / NEMA Premium	
Rated power - P2:	15 HP	
Main frequency:	60 Hz	
Rated voltage:	3 x 230/460 V	
Rated current:	34-17 A	
Rated speed:	3500 rpm	
Number of poles:	2	
Enclosure class (IEC 34-5):	TEFC	
Mounting designation (IEC 34-7,	NEMA type C / foot	
Code I):	MENIA typo 07 loot	
DOE Pump Energy Index CL:	0.84	
· •••	361 lb	
Net weight: Gross weight:	363 lb	
Shipping volume:	6 ft ³	
Chipping volume.	-	









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Description Country of origin:	US		
Country of origin.	03		



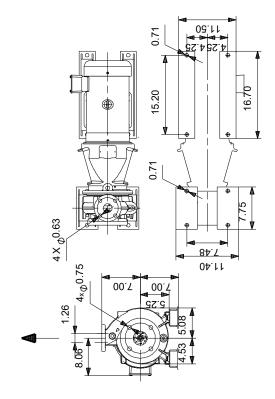
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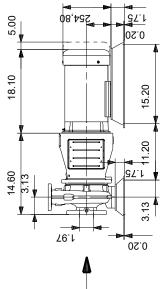
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Note! All units are in [in] unless otherwise stated. Disclaimer: This simplified dimensional drawing does not show all details.