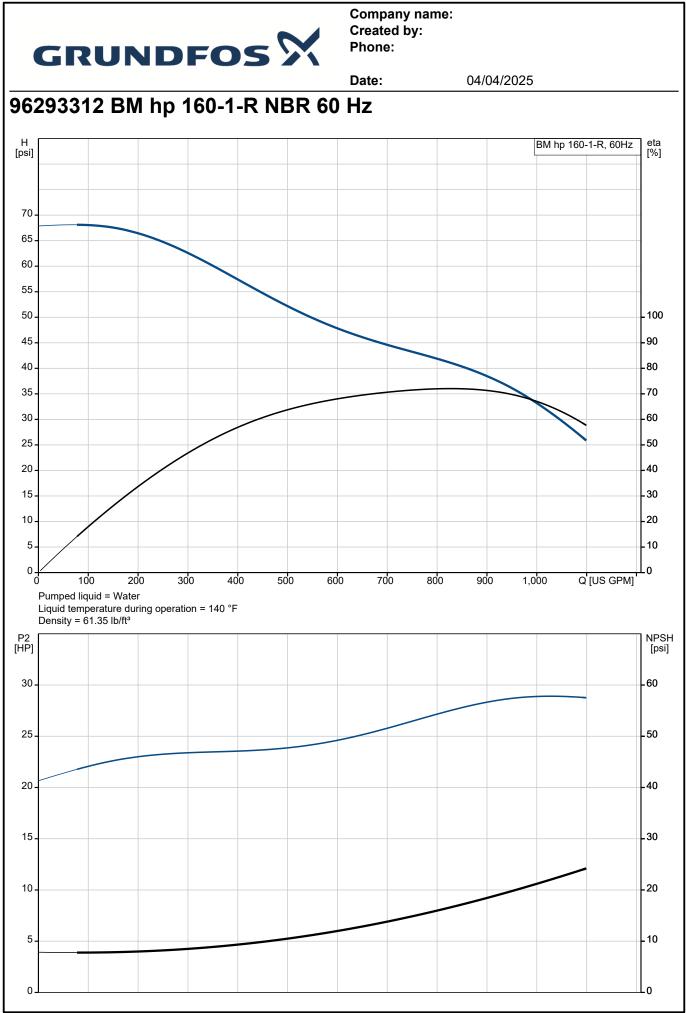
			Company name:						
	GRUNDFOS		Created by:						
	TRUNDE		Phone:						
			Deter	04/04/2025					
			Date:	04/04/2025					
Qty.	Description								
1	BM hp 160-1-R NBR								
	43								
	Product No.: 96293312								
	BM hp is an encapsulated submersible pump that is suitable for applications where a high system pressure is								
	BM hp is an encapsulated subm required, as it can handle an inle	ersible pump that is su et pressure up to 80 ba	itable for applica	tions where a high system pressure is					
				poosting and closed circulation systems with a					
	Therefore, BM hp is ideal for water treatment, liquid transfer, pressure boosting and closed circulation systems with a high static pressure.								
	BM hp pumps are available in R-version, in various sizes and with a large variety in the number of impellers.								
	The range covers BM hp 18 to E								
	Depending on its size and freque BM pumps can increase the system			ate of 265 or 310 m3/n.					
	Divipunips can increase the sys	stem pressure up to 62.	T Dal.						
	The pump is supplied with an asynchronous motor, Victaulic connections and a straight pipe for BM 18 and above.								
	The motor is protected by output filters against overvoltage and increased operating temperature.								
	As a result, BM hp is very reliable and durable.								
	The compact design ensures easy maintenance and alignment of the pump.								
	The stainless-steel pump and motor housing ensure an excellent resistance against different types of liquids. The								
	R-version is designed to be highly efficient against corrosive liquids.								
	Two different types of equipebraneus maters are evallable for DM by summer MC 6000 and MMC 0000								
	Two different types of asynchronous motors are available for BM hp pumps: MS 6000 and MMS 8000. The enclosure class is IP68.								
	The motor power ranges from 5.5 to 30 kW.								
	The motor is controlled by a frequency converter and protected by Pt100 sensors.								
	The frequency converter is sold as a separate accessory and must be purchased along with the pump.								
	We recommend a Grundfos CUE frequency converter; however, frequency converters from alternative suppliers can be used as well.								
	be used as well.								
	Liquid:								
	Pumped liquid:	Water							
	Maximum liquid temperature:	104 °F							
	Selected liquid temperature:	140 °F							
	Density:	61.35 lb/ft ³							
	Technical:								
	Rated flow:	845 US GPM							
	Rated head:	39.16 psi							
	Curve tolerance:	ISO9906:2012 3B							
	Materials:								
	Pump:	Stainless steel							
	i unp.	DIN WNr. 1.4539							
		AISI 904L							
	Impeller:	Stainless steel							
	-	EN 1.4539							
		AISI 904L							
Printed f	rom Grundfos Product Centre [2025.	13 0041	1						



Company name: Created by: Phone:

			Date:	04/04/2025
1	Description			
	Motor:	Stainless steel DIN WNr. 1.4539 AISI 904L		
	Sleeve:	Stainless steel SAF 2205 EN 1.4462		
	Installation:			
	Maximum operating pressure:			
	Maximum permissible inlet press	1199.46 psi ure: 1189.31 psi		
	Maximum outlet pressure:	1189.31 psi		
l	Pipe connection standard:	PJE		
1	Pipe connection:	168 mm		
	Electrical data: Rated power - P2:	30 HP		
	Mains frequency:	60 Hz		
	Rated voltage:	3 x 440-480 V		
	Service factor:	3 x 440-460 v 1.0		
	Rated current:	48-46.5 A		
	Rated speed:	3450-3460-3480 rpm		
l	Method of start:			
		DOL		
	Enclosure class (IEC 34-5):	IP66		
	Others:			
	Minimum efficiency index, MEI ≥:			
	Net weight:	380 lb		
	Gross weight:	560 lb		
	Country of origin:	DK		
	Custom tariff no.:	8413.70.2004		
1				





Company name: Created by: Phone:

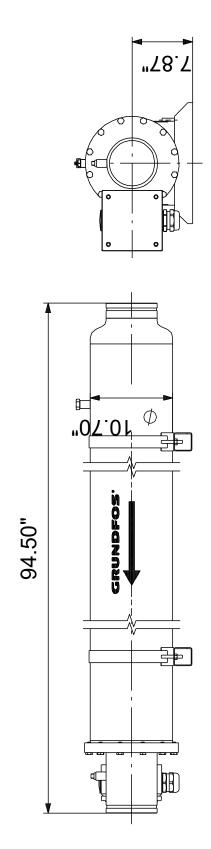
	Value	н		BM hp 160-1-R, 60Hz
Description	[psi]		BM hp 160-1-R, 60Hz	
General information:				
Product name:	BM hp 160-1-R NBR	70 -		
Product No:	96293312	65 -		
EAN number:	5700831410317	60 -		
Technical:		55 -		
Rated flow:	845 US GPM	50 -		
Rated head:	39.16 psi	45 -		
Stages:	1	40 -		
Curve tolerance:	ISO9906:2012 3B	35 -		
Model:	А	30 -		
Materials:		25 - 20 -		
Pump:	Stainless steel			
•	DIN WNr. 1.4539	15-		
	AISI 904L	5		
Impeller:	Stainless steel	0		
	EN 1.4539	0 200	400 600	800 Q [US GPM]
	AISI 904L	Pumped liquid		
Motor:	Stainless steel	Liquid tempera Density = 61.3	ature during operation = 14	0 °F
	DIN WNr. 1.4539	P2		
	AISI 904L	[HP]		
Code for rubber:	NBR	30 -		
Sleeve:		25 -		
Sleeve	Stainless steel	25-		
	SAF 2205	20		
	EN 1.4462			
Installation:		- 15 -		
Maximum operating pressure:	1199.46 psi			
Maximum permissible inlet pressure:	1189.31 psi	10 _		
Maximum outlet pressure:	1189.31 psi	5 _		
Pipe connection standard:	PJE			
Pipe connection:	168 mm	0		
Liquid:				
Pumped liquid:	Water		94.50"	
Maximum liquid temperature:	104 °F	4		
Selected liquid temperature:	140 °F			
Density:	61.35 lb/ft ³	── ╫─-╏╂─┼┤		│─┼·╟ ┼·({ ·)+
Electrical data:			լ լար	LI BER
Rated power - P2:	30 HP			·
Mains frequency:	60 Hz			
Rated voltage:	3 x 440-480 V			
Service factor:	1.0			
Rated current:	48-46.5 A			
Rated speed:	3450-3460-3480 rpm			
Method of start:	•			
	DOL			
Enclosure class (IEC 34-5):	IP66			
Others:				
Minimum efficiency index, MEI ≥:				
Net weight:	380 lb			
Gross weight:	560 lb			
Country of origin:	DK			



Company name: Created by: Phone:

04/04/2025

96293312 BM hp 160-1-R NBR 60 Hz



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