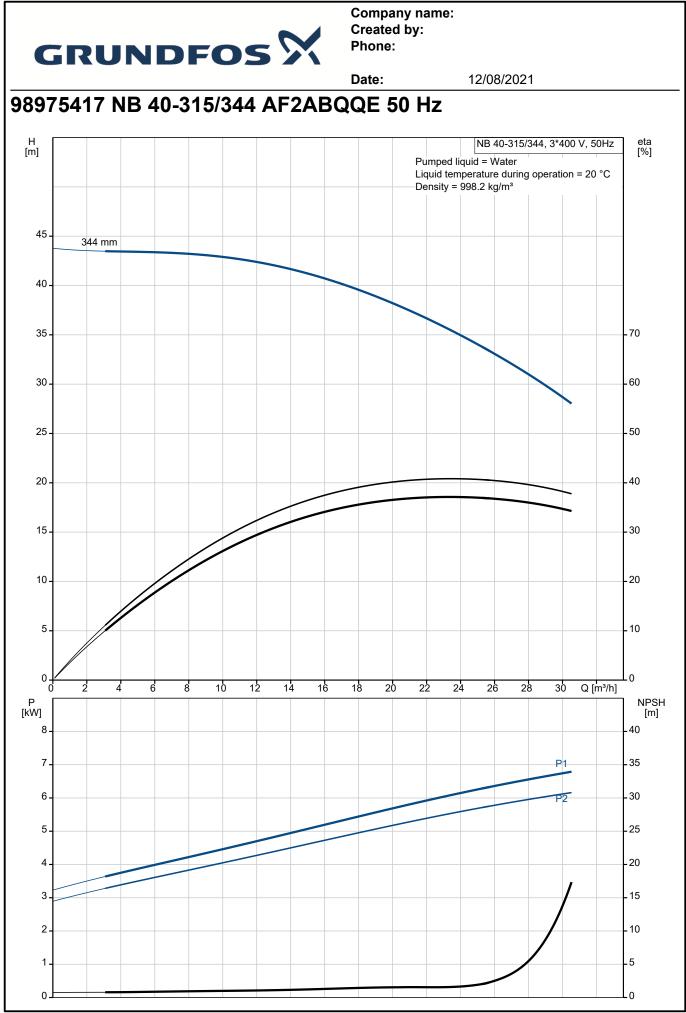


' .	Description						
	The motor has thermistors (PTC sensors) in the windings in accordance with DIN 44081/DIN 44082. The protection reacts to both slow- and guick-rising temperatures, e.g. constant overload and stalled conditions.						
	Thermal switches must be connected to an external control circuit in a way which ensures that the automatic reset cannot cause accidents. The motors must be connected to a motor-protective circuit breaker according to local						
	regulations.						
	The motor can be connected to a Grundfos CUE offers a range of v	variable spee ariable speed	d d	drive for adjust rives. Please fi	nent of pເ າd more in	Imp performance to any duty point. formation in Grundfos Product Cente	
	Further product details						
	Technical data						
	Controls:						
	Frequency converter:	NONE					
	Pressure sensor:	Ν					
	Liquid:						
	Pumped liquid:	Water					
	Liquid temperature range:	-25 120 °C					
	Selected liquid temperature:	20 °C					
	Density:	998.2 kg/m ³					
	Technical:						
	Pump speed on which pump data	are based:	1	465 rpm			
	Rated flow:	23.24 m³/h					
	Rated head:	34.91 m					
	Actual impeller diameter:	344 mm					
	Nominal impeller diameter:	315					
	Shaft seal arrangement:	Single					
	Code for shaft seal:	BQQE					
	Curve tolerance:	ISO9906:201	2	3B2			
	Bearing design:	Standard					
	Materials:						
	Pump housing:	Cast iron					
		EN-GJL-250					
		ASTM class 3	35	5			
	Wear ring:	Brass					
	Impeller:	Cast iron					
		EN-GJL-200	_				
		ASTM class 3					
	Shaft:	Stainless stee	el				
		EN 1.4301					
	later al results of the	AISI 304					
	Internal pump house coating:	CED					
	Installation:						
	Maximum ambient temperature:	55 °C					
	Maximum operating pressure:	16 bar					
	Pipe connection standard:	EN 1092-2					
	Size of inlet connection:	DN 65					
	Size of outlet connection:	DN 40					
	Pressure rating for connection:	PN 16					
	Bearing lubrication:	Grease					



		Date:	12/08/2021				
ty.	Description						
	Pump housing with feet:	Yes					
	Support block:	Ν					
	Electrical data:	SIEMENS					
	Motor type: IE Efficiency class:	IE3					
	Rated power - P2:	7.5 kW					
	Mains frequency:	50 Hz					
	Rated voltage:	3 x 380-420D/660-725Y V					
	Rated current:	15,12-13,7/8,72-7,89 A					
	Starting current:	740-740 %					
	Cos phi - power factor:	0.84					
	Rated speed:	1465 rpm					
	Efficiency:	IE3 90,4%					
	Motor efficiency at full load:	90.4-90.4 %					
	Motor efficiency at 3/4 load:	91.1-91.1 %					
	Motor efficiency at 1/2 load:	90.8-90.8 %					
	Number of poles:	4					
	Enclosure class (IEC 34-5):	IP55					
	Insulation class (IEC 85):	F					
	Motor No:	83V15222					
	Others:						
	Minimum efficiency index, MEI	≥: 0.64					
	Net weight:	161 kg					
	Gross weight:	182 kg					
	Shipping volume:	0.509 m ³					
	Country of origin:	HU					
	Custom tariff no.:	84137051					



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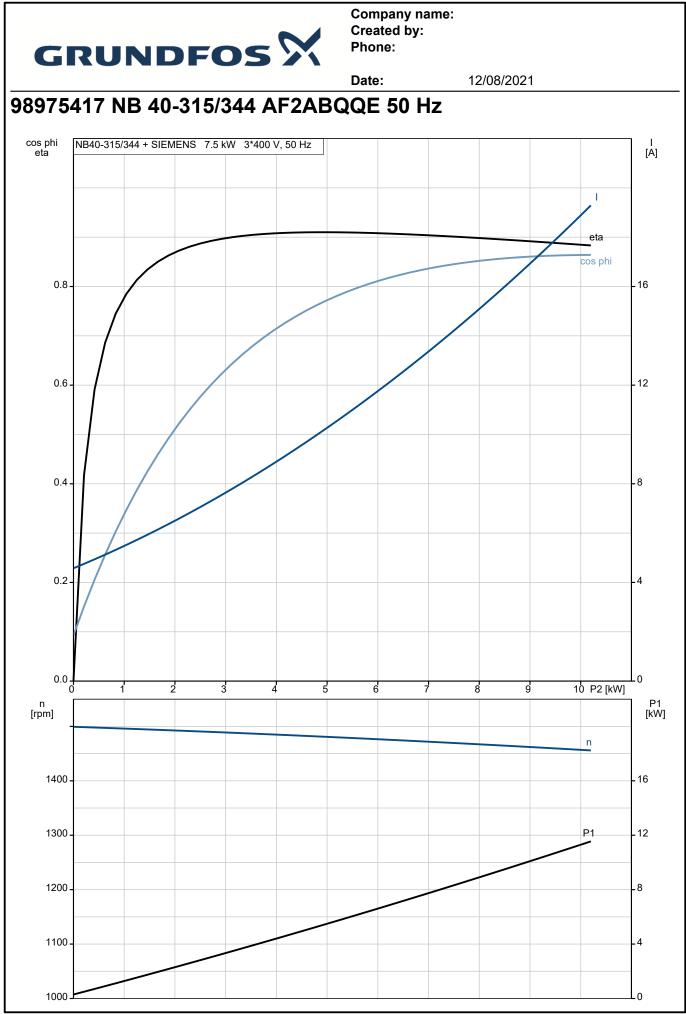


		Date:	12/08/2021
Description	Value	H [m]	NB 40-315/344, 3*400 V, 50Hz eta [%]
General information:			Pumped liquid = Water Liquid temperature during operation = 20 °C
Product name:	NB 40-315/344 AF2ABQQE	45 - 344 mm	Density = 998.2 kg/m ³
Product No:	98975417	_	
EAN number:	5712604542118	40 -	
Price:	GBP 3251	35 -	70
Technical:			
Pump speed on which pump data are pased:	1465 rpm	30 -	- 60
Rated flow:	23.24 m³/h	25 _	50
Rated head:	34.91 m		
Actual impeller diameter:	344 mm	20 -	40
Nominal impeller diameter:	315	15 -	30
Shaft seal arrangement:	Single		
Shaft diameter:	32 mm	10	20
Code for shaft seal:	BQQE	- //	
Curve tolerance:	ISO9906:2012 3B2	5	10
Pump version:	A		
Bearing design:	Standard		10 15 20 25 Q [m³/h]
aterials:	Stanuaru	P [kW]	NP
	Captiron	[kW]	[n
Pump housing:	Cast iron	7 -	P135
Pump housing:	EN-GJL-250	6-	- 30
Pump housing:	ASTM class 35	5 -	P2 - 25
Vear ring:	Brass		20
mpeller:	Cast iron	4-	
mpeller:	EN-GJL-200	3-	15
mpeller:	ASTM class 30	2 -	10
Shaft:	Stainless steel	1	5
Shaft:	EN 1.4301	0	0
Shaft:	AISI 304		
nternal pump house coating:	CED	368	435 140
Material code:	A	125	
Code for rubber:	E		
nstallation:			
Maximum ambient temperature:	55 °C		
Maximum operating pressure:	16 bar	Aller	
Pipe connection standard:	EN 1092-2	125	
Size of inlet connection:	DN 65	-	
Size of outlet connection:	DN 40		
Pressure rating for connection:	PN 16		╟╔══┰┫╌╢╸┍╒╬╎╬╲┚╙╴───────
Bearing lubrication:	Grease		
Pump housing with feet:	Yes		
Support block:	N		⊨ •
Connect code:	F2		
.iquid:	· <u> </u>		
Pumped liquid:	Water		
iquid temperature range:	-25 120 °C		Y
Selected liquid temperature:	-25 120 C 20 °C		
		\$ ⁺⁺	
Density:	998.2 kg/m³		
Electrical data:)(V)(W)
Notor type:	SIEMENS	TO AMPLIFIER	
E Efficiency class:	IE3	RELAY L1	
Rated power - P2:	7.5 kW	_	
Mains frequency:	50 Hz		
Rated voltage:	3 x 380-420D/660-725Y V		
Rated current:	15,12-13,7/8,72-7,89 A		
Starting current:	740-740 %		
Cos phi - power factor:	0.84	L1	

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		Date:	12/08/2021
Description	Value		
Rated speed:	1465 rpm		
Efficiency:	IE3 90,4%		
Motor efficiency at full load:	90.4-90.4 %		
Motor efficiency at 3/4 load:	91.1-91.1 %		
Motor efficiency at 1/2 load:	90.8-90.8 %		
Number of poles:	4		
Enclosure class (IEC 34-5):	IP55		
Insulation class (IEC 85):	F		
Motor protec:	PTC		
Motor No:	83V15222		
Mount. design. acc. IEC 34-7:	IM V1		
Controls:			
Frequency converter:	NONE		
Pressure sensor:	Ν		
Others:			
Minimum efficiency index, MEI ≥:	0.64		
Net weight:	161 kg		
Gross weight:	182 kg		
Shipping volume:	0.509 m³		
Country of origin:	HU		
Custom tariff no.:	84137051		



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