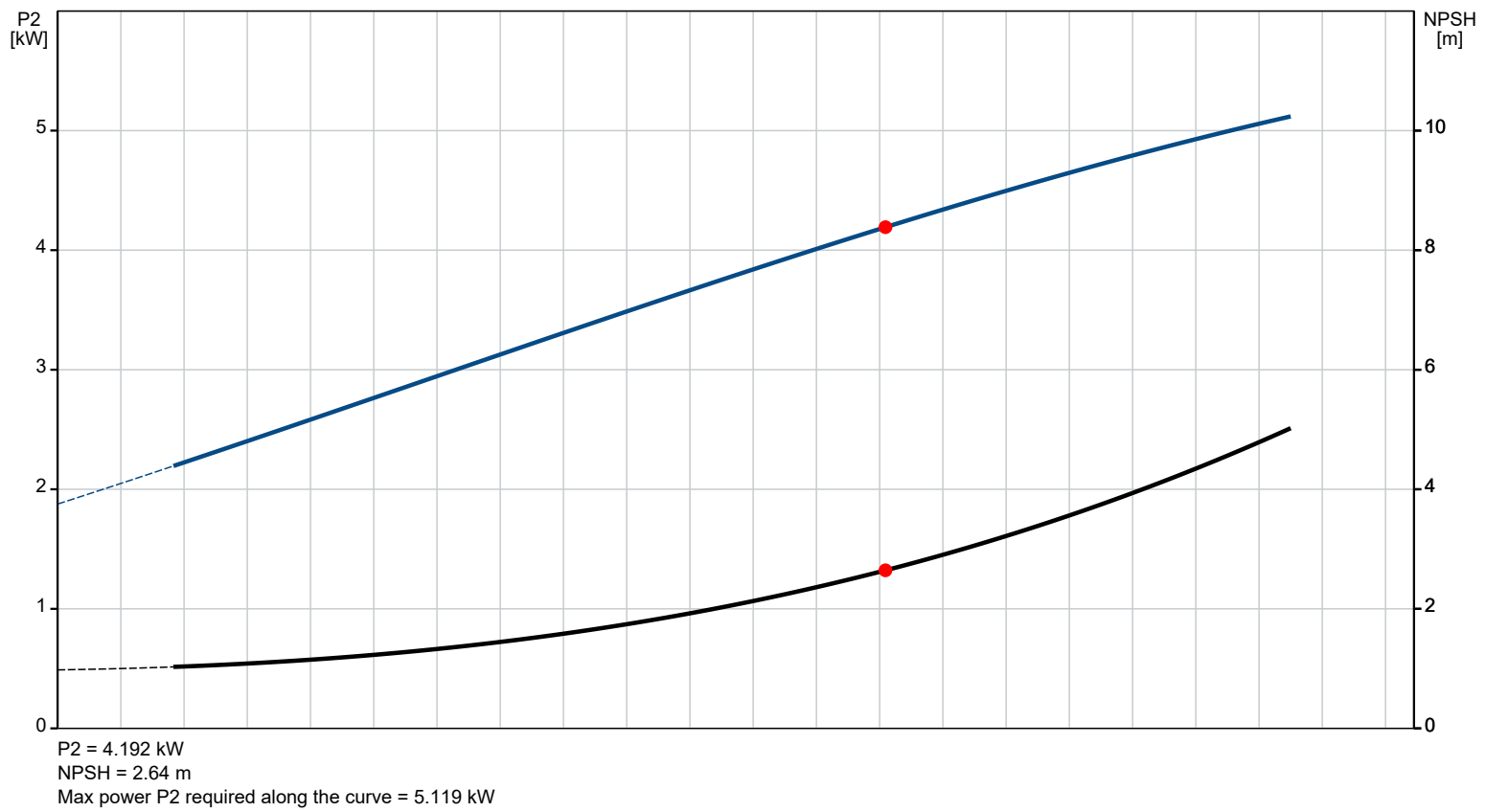
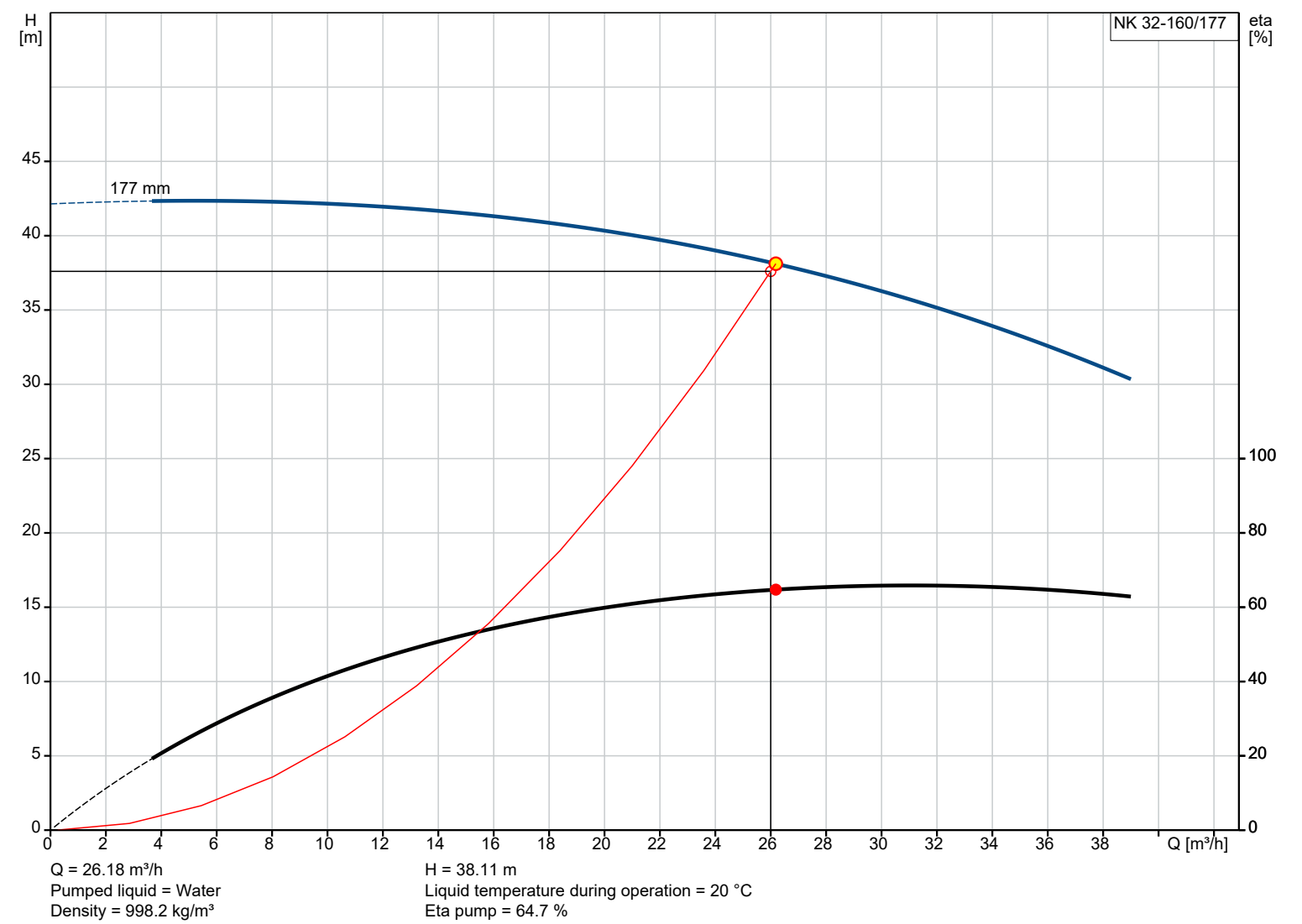


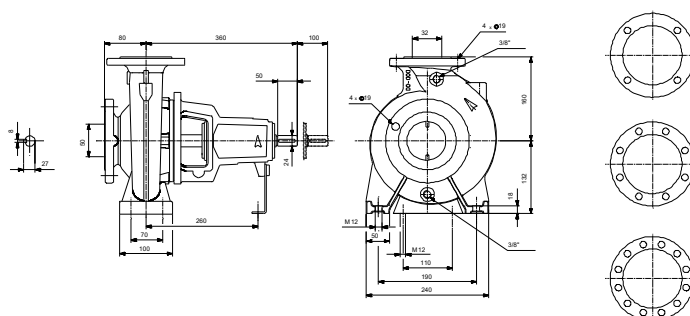
Qty.	Description
1	NK 32-160/177 AY1F2AESBAQEXW1  Note! Product picture may differ from actual product Product No.: On request Pump without motor Non-self-priming, single-stage, centrifugal pump designed according to ISO 5199 with dimensions and rated performance according to EN 733. Flanges are PN 16 with dimensions according to EN 1092-2. The pump has an axial suction port, a radial discharge port and horizontal shaft. It is of the back pull-out design enabling removal of the motor, coupling, bearing bracket and impeller without disturbing the pump housing or pipework. The unbalanced rubber bellows seal is according to DIN EN 12756. Pump The pump is fitted with an unbalanced rubber bellows seal with torque transmission across the spring and around the bellows. Due to the bellows, the seal does not wear the shaft, and the axial movement is not prevented by deposits on the shaft.  Seal faces: - Rotating seal ring material: carbon graphite, metal-impregnated - Stationary seat material: silicon carbide (SiC) Due to the favourable lubricating properties of carbon graphite, the seal is suitable for use even under poor lubricating conditions, such as hot water. However, under such conditions, wear on the carbon graphite face can be expected, and seal life will be reduced . The material pairing is not recommended for liquids containing particles as this will result in wear on the SiC face. Secondary seal material: EPDM (ethylene-propylene rubber) EPDM has excellent resistance to hot water. EPDM is not suitable for mineral oils. The shaft is made of stainless steel and has a diameter of 24 mm where the coupling is mounted. The language on the pump nameplate is English. Motor The pump is supplied without motor. Further product details Cast-iron parts have an epoxy-based coating made in a cathodic electro-deposition (CED) process. CED is a high-quality dip-painting process where an electrical field around the products ensures deposition of paint particles as a thin, well-controlled layer on the surface. Technical data Controls: Frequency converter: None Pressure sensor: N Liquid: Pumped liquid: Water Liquid temperature range: 0 .. 120 °C Selected liquid temperature: 20 °C Density: 998.2 kg/m³ Technical: Pump speed on which pump data are based: 2900 rpm Actual calculated flow: 26.18 m³/h Pump with motor (Yes/No): N

Qty.	Description	
1	Resulting head of the pump:	38.11 m
	Actual impeller diameter:	177 mm
	Nominal impeller diameter:	160
	Code for shaft seal:	BAQE
	Mechanical seal type:	Single
	Curve tolerance:	ISO9906:2012 3B2
	Bearing design:	Standard
	Min. pump speed:	500 rpm
	Max. pump speed:	3700 rpm
	MaxPowerP2AlongTheCurve:	5.119 kW
	Materials:	
	Pump housing:	Cast iron EN-GJL-250 ASTM class 35
	Wear ring:	Brass
	Impeller:	Cast iron EN-GJL-200 ASTM class 30
	Internal pump house coating:	CED
	Shaft:	Stainless steel EN 1.4301 AISI 304
	Installation:	
	Maximum operating pressure:	16 bar
	Pipe connection standard:	EN 1092-2
	Type of inlet connection:	DIN
	Type of outlet connection:	DIN
	Size of inlet connection:	DN 50
	Size of outlet connection:	DN 32
	Pressure rating for connection:	PN 16
	Grouting (Yes/No):	N
	Others:	
	Minimum efficiency index, MEI ≥:	0.52
	Net weight:	35.7 kg
	Gross weight:	46.5 kg
	Shipping volume:	0.159 m³
	Language on pump nameplate:	GB



On request NK 32-160/177 AY1F2AESBAQEXW1 50 Hz





On request NK 32-160/177 AY1F2AESBAQEXW1 50 Hz

