

Tender text

Project name

Project ID

Customer

Contact

E-mail

Phone

Company

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Phone

2025-01-20

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Pos.no	Description	Item no.
	Submersible dirty water motor pumps	
	Amarex NS 032-160/002 ULG-160	39190481
	Amarex NS without explosion protection	
	KSB Amarex NS submersible motor pump for waste water applications, made of grey cast iron, in vertical, close-coupled, floodable design for wet installation, single-stage, with three-phase motor to VDE Standards, protected against overheating by a temperature limiter, power cable, with absolutely water-tight cable entry.	
	Pump set	: Without installation kit
	Impeller type	: S
	Cutter	: No
	Operating data	
	Fluid handled	: Water
	Flow rate	:
	Head	:
	Operating temperature	: 20 °C
	Drive	
	Nominal voltage	: 3~400 V
	Nominal frequency:	50 Hz
	Starting method	: DOL
	Enclosure	: IP68 to EN 60529 / IEC 529
	Explosion protection	: No
	Max. fluid temperature	: 55 °C
	Thermal motor protection	: Bimetal
	Nominal power P1	: 2,67 kW
	Nominal power P2	: 1,5 kW
	Nominal current	: 3,37 A
	Speed	: 2.850 1/min
	Cable length	: 10 m
	Materials	
	Pump casing	: EN-GJL-250
	Intermediate casing	: EN-GJL-250
	Impeller	: EN-GJL-250



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Pos.no	Description	Item no.	Qty.	UP / EUR	TP / EUR
	Pump shaft / motor shaft	: 1.4021+QT800			
	Cutter	: 1.2080+A (K100			
	Sealing elements	: Nitrile butadiene rubber (NBR)			
	Coating	: Two-component epoxy resin, RAL			
	5002				
	Shaft seal	: Double mechanical seal			
		(bi-directional)			
	Pump end	: SiC/SiC mechanical seal			
	Motor end	: Carbon/Al2O3 mechanical seal			
	Dimensions and connections				
	Impeller diameter	: 160 mm			
	Free passage	: 6 mm			
	Nominal diameter, discharge side	: PN 16			
	Suction nominal size	: DN 32			
	Purchase order information				
	Approx. net weight	: 29 kg			
	Make	: KSB			
	Type series	: Amarex N			
	Size	: 032-160S			
	Material price group	: 19			
	Material number	: 39190481			

Data sheet: technical data

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Item-No.

Design

Type / Coding

Submersible dirty water motor pumps

Amarex NS 032-160/002 ULG-160

Company

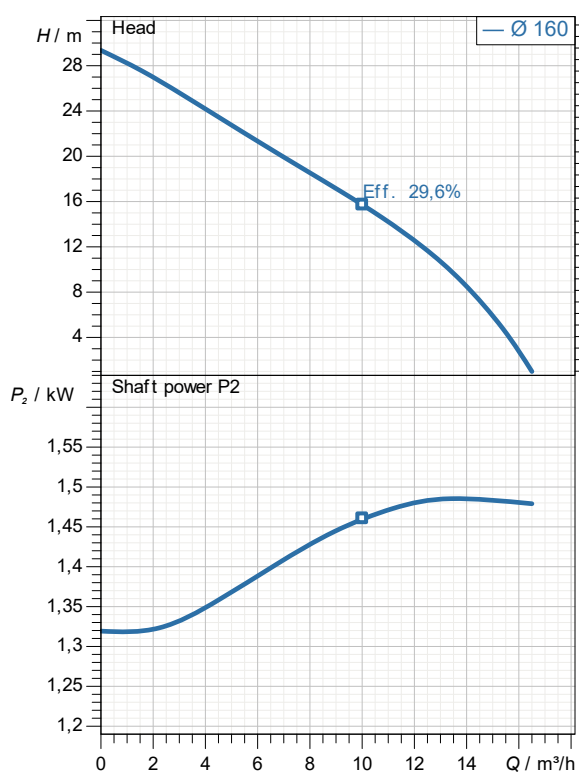
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demand data

Flow

Total head

Geodetic head

Media

Water

Liquid temperature

20 °C

Pump data

Make

KSB

Type

Amarex NS 032-160/002 ULG-160

Design

Submersible dirty water motor p

Specific design

Single head pump

No. of pumps

1

Standby pump

No

Max. fluid temperature

40 °C

Hydraulic data (Duty point)

Flow

Head

Material / sealing element

Pump casing

Grey cast iron JL1040

Shaft

Chrome steel 1.4021+QT800

Impeller

Grey cast iron JL1040

Cutter

1.2842+A

Dimensions

Discharge flange standard

DN 32

Rated motor data

Power input (P₁)

2,67 kW

Rated power (P_n)

1,5 kW

Speed

2.850 1/min

Rated voltage

400 V

Rated current (I_n)

3,37 A

Product information

Ident. No./ type key

39190481

Weight loaded

29 kg

Gross price

2.323,60 EUR

PL 2025-01-20

Price group

19