**Amarex N with explosion protection**

KSB Amarex N 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 two independent monitoring circuits, power cable, with absolutely water-tight cable entry.

Pump set: without installation kit

Impeller type:

Cutter: with

**Operating data:**

Fluid handled:

Flow rate:

Head:

Operating temperature:

**Drive:**

Nominal voltage:

Mains frequency:

Starting method: DOL

Enclosure: IP68 to EN 60529/IEC529

Explosion protection: Ex d IIB T4 Gb

Max. fluid temperature: 40 °C

Thermal motor protection: Bimetal

Nominal power P1:

Nominal power P2:

Nominal current:

Speed:

Cable length:

**Materials:**

Pump casing: EN-GJL-250

Intermediate casing: EN-GJL-250

Impeller: EN-GJL-250

Pump shaft / motor shaft: 1.4021+QT800

Cutter: -

Sealing elements: Nitrile butadiene rubber (NBR)

Coating: Two-component epoxy resin, RAL 5002

Shaft seal:

Pump end: SiC/SiC mechanical seal

Drive end: Carbon/Al2O3 mechanical seal

**Dimensions and connections:**

Impeller diameter:

Free passage:

Nominal diameter, discharge side:

Nominal diameter, suction side:

**Purchase order information:**

Approx. net weight:

Make: KSB

Type series: Amarex N

Size:

Material price group:

**Item number:**

**Amarex N without explosion protection**

KSB Amarex N 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:

Cutter: none

**Operating data:**

Fluid handled:

Flow rate:

Head:

Operating temperature:

**Drive:**

Nominal voltage:

Mains frequency:

Starting method: DOL

Enclosure: IP68 to EN 60529/IEC529

Explosion protection: none

Max. fluid temperature: 55 °C

Thermal motor protection: Bimetal

Nominal power P1:

Nominal power P2:

Nominal current:

Speed:

Cable length:

**Materials:**

Pump casing: EN-GJL-250

Intermediate casing: EN-GJL-250

Impeller: EN-GJL-250

Pump shaft / motor shaft: 1.4021+QT800

Cutter: -

Sealing elements: Nitrile butadiene rubber (NBR)

Coating: Two-component epoxy resin, RAL 5002

Shaft seal:

Pump end: SiC/SiC mechanical seal

Drive end: Carbon/Al2O3 mechanical seal

**Dimensions and connections:**

Impeller diameter:

Free passage:

Nominal diameter, discharge side:

Nominal diameter, suction side:

**Purchase order information:**

Approx. net weight:

Make: KSB

Type series: Amarex N

Size:

Material price group:

**Item number:**

**Typical tender forAmarex N**

**2563.521/03-EN
Subject to technical modification without prior notice**

**12 March 2018**