



## Close-coupled pumps

### Automation products available:

- PumpExpert
- PumpDrive (MM)
- Hygmaster
- hystronic

### Fields of application

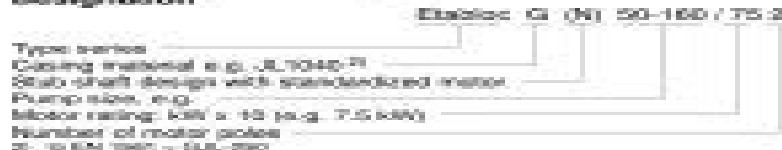
- Water supply
- Sprinkling
- Irrigation
- Drainage
- Heating systems
- Air-conditioning systems
- Drinking water
- Service water
- Hot water
- Cooling water
- Swimming pool water
- Sea water
- Fire-fighting water
- Blackish water
- Condensate
- Brine
- Oil
- Cleaning agents

### Operating data

	50 Hz	60 Hz
Q	up to 300 m³/h, 180 USG	up to 342 m³/h, 205 USG
H	up to 120 m	up to 137 m
T	20 up to 50 °C, 68 up to 120 °F	up to 27 °C
P <sub>2</sub>	up to 18.5 bar	

1) See pressure/temperature limits, page 9

### Designation



Type series

Casing material, e.g. AL1040-71

Shaft design with standardized motor

Pump size, e.g.

Motor rating: kW x 10 (e.g. 75.2 kW)

Number of motor poles

2) to 6M (50 Hz) = 50A, 50B

### Shaft seal

Mechanical seal to EN 15756

### Design/Variants

Volume casing pumps, single-stage (1), with ratings to EN 733. The shaft is fitted with a replaceable shaft sleeve in the shaft seal area.

Volume casing and impeller supplied with replaceable wear rings (2).

3) Double (50-50) double-stage

4) Insulated Etabloc 20-20 and 30-30

Etabloc GH, MM, SH, DH, ON

Pump and motor flanged together to form a close-coupled unit, with standardized motor.

Pump shaft and motor shaft are rigidly connected.

Etabloc G, M

Pump and motor flanged together to form a close-coupled unit, with common shaft.

### Drive

#### Standard version Etabloc N

Surface-cooled KSD-IEC three-phase squirrel cage motor.

Winding: 50 Hz: up to 2.2 kW 220-240 V/380-400 V

up to 3 kW 380-400 V/660-725 V

60 Hz: up to 2.2 kW 440-480 V

up to 3.5 kW 440-480 V

up to 4 kW IM V1

up to 5.5 kW IM V10

IP 55

Enclosure: F with temperature sensors, 3 PTC resistors

Operating mode: continuous operation G1

or

Surface-cooled three-phase squirrel cage motor as described above, but West European brand to KSD's choice.

#### Flameproof version Etabloc N

Surface-cooled IEC three-phase squirrel cage motor, West European brand to KSD's choice.

Winding: 50 Hz: up to 1.25 kW 220-240 V/380-400 V

up to 2.5 kW 380-400 V/660-725 V

up to 3.5 kW IM V1

for 4.0 kW and above IM V10

IP 55 or IP 54

Enclosure: EExe II

Type of protection: TD

Thermal class: continuous operation G1

Operating mode: continuous operation G1

or

Surface-cooled three-phase squirrel cage motor as described above, but West European brand to KSD's choice.

Winding: 50 Hz: up to 2.2 kW 220-240 V / 380-400 V

for 3 kW and above: 380-400 V / 660-725 V

60 Hz: up to 2.2 kW 440-480 V

for 3.5 kW and above: 440-480 V

up to 4 kW, class F10

for 5.5 kW and above with foot

IP 55

Enclosure: F and Temperature class: 3 Keltector

Operating mode: continuous operation G1

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Surface-cooled three-phase squirrel cage motor as described above, but West European brand to KSD's choice.

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# Ksb Pump Wl Series Manual

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## **Ksb Pump Wl Series Manual:**

## **Ksb Pump Wl Series Manual** Book Review: Unveiling the Magic of Language

In a digital era where connections and knowledge reign supreme, the enchanting power of language has become much more apparent than ever. Its power to stir emotions, provoke thought, and instigate transformation is truly remarkable. This extraordinary book, aptly titled "**Ksb Pump Wl Series Manual**," written by a highly acclaimed author, immerses readers in a captivating exploration of the significance of language and its profound effect on our existence. Throughout this critique, we shall delve into the book's central themes, evaluate its unique writing style, and assess its overall influence on its readership.

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