

Canal impeller with cutter mechanism



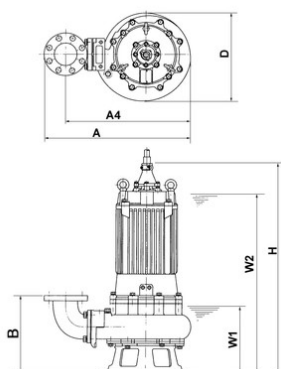
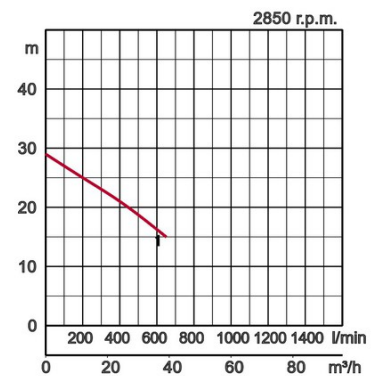
C 3-phase
50Hz

Specifications:

| Model | | Colour code curve | Dry weight kg without cable | |
|---------------|-------------------------|-------------------|-----------------------------|-------------------------|
| free standing | with guide rail fitting | | free standing | with guide rail fitting |
| 80C23.7-CR | TOS80C23.7-CR | ● | 1 | |



| | | | | |
|----------------------|----------------------------|--|--|--|
| Discharge bore mm | | 80mm | | |
| Pumping Fluid | Temperature | 0-40°C | | |
| | Type of Fluid | Wastewater and liquid carrying waste and foreign matters | | |
| Pump | Components | Impeller | Non-clog impeller with cutter mechanism | |
| | | Shaft Seal | Double mechanical seal | |
| | | Bearings | Shielded ball bearings | |
| | Material | Impeller | Chromium iron casting with sintered tungsten carbide alloy tip | |
| | | Casing | Grey iron casting EN-GJL-200 | |
| | | Suction Plate | Chromium iron casting | |
| | Shaft Seal | Silicon carbide in oil bath | | |
| Motor | Type, Poles | | Induction motor, 2 poles, IP68 | |
| | Lubrication | | Turbine oil (ISO VG32) | |
| | Insulation | | Insulation class F | |
| | Motor Protector (built-in) | | Circle thermal cut-out | |
| | Phase / Voltage | | 3-phase / 400V / 50Hz / d.o.l. | |
| | Material | Casing | Grey iron casting EN-GJL-150 | |
| Shaft | | Stainless steel EN-X30Cr13 | | |
| Cable | | Rubber, 10m H07RN-F | | |
| Discharge Connection | | Inside thread, JIS10K flange | | |
| Optional Accessories | | Guide rail fitting "TOS" (guide support, duck foot bend, lifting chain) / Bend and stand set for free standing types | | |



| Model | A | A4 | B | D | H | W1 | W2 |
|------------|-----|-----|-----|-----|-----|-----|-----|
| 80C23.7-CR | 519 | 427 | 291 | 260 | 613 | 180 | 565 |

W1: lowest running water level

Updated 07/2017

Please mind: discharge bend, duck foot bend and stand set are accessories and must be ordered separately