

| | | | | | | | | |
|-------------------|--------|-----------------|-------------|---------------------|--------------------------|----------------|------------------|----------|
| Discharge bore mm | Phases | Motor output kW | Head max. m | Capacity max. l/min | Max. solid handling ø mm | ATEX available | Dry installation | PH value |
| 100 | 3 | 5,0 | 16,1 | 2817 | 80 | Yes | - | 5.0-9.0 |



GENERAL

| | |
|----------------------|--|
| ø Discharge bore mm | 100mm |
| Discharge Connection | Flange DIN/ANSI DN100 (PN10) |
| Optional Accessories | Guide rail fitting "TOS" (guide support, duck foot bend, lifting chain) / Bend and stand set for free standing types |
| Oil chamber | Moisture Sensor |

PUMP

COMPONENTS

| | |
|------------|-------------------------|
| Impeller | Single channel impeller |
| Shaft Seal | Double mechanical seal |
| Bearings | Shielded ball bearings |

MATERIAL

| | |
|------------|------------------------------|
| Impeller | Grey iron casting EN-GJL-250 |
| Casing | Grey iron casting EN-GJL-250 |
| Shaft Seal | SiC, upper in oil bath |
| Wearing | Bronze |

PUMPING FLUID

| | |
|---------------|------------------|
| Temperature | 0-40°C |
| Type of Fluid | Municipal sewage |

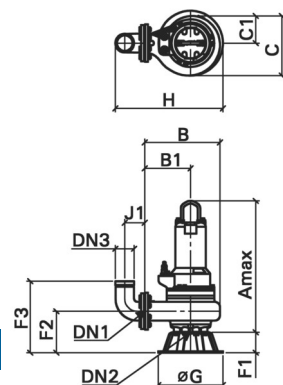
MOTOR

| | |
|----------------------------|--------------------------------|
| Lubrication | Turbine oil (ISO VG32) |
| Motor Protector (built-in) | Miniature protector |
| Type, Poles | Induction motor, 4 poles, IP68 |
| Insulation | Insulation class H |
| Phase / Voltage | 3-phase / 400V / 50Hz / s.d. |

MATERIAL

| | |
|--------|------------------------------------|
| Casing | Grey iron casting EN-GJL-250 |
| Shaft | Stainless steel EN-X14Cr-Mo-S17 |
| Cable | Rubber, 10m H07RN8-F |

| Model | A | B | B1 | C | C1 | DN1 | DN2 | DN3 | F1 | F2 | F3 | G | H | J1 |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 100BYM45.0 | 765 | 460 | 280 | 357 | 163 | 100 | 100 | 100 | 125 | 225 | 410 | 395 | 656 | 122 |



100BYM45.0

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