

# Canal impeller



# 150BYK

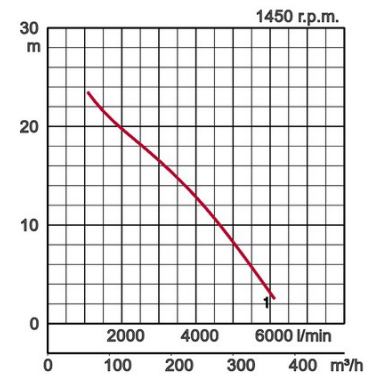
3-phase  
50Hz

## Specifications:

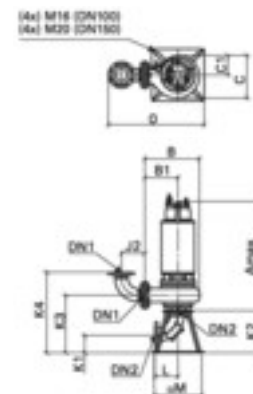
| Model         |                         | Colour code curve | Dry weight kg without cable |                         |
|---------------|-------------------------|-------------------|-----------------------------|-------------------------|
| free standing | with guide rail fitting |                   | free standing               | with guide rail fitting |
| 150BYMK414    | 150BYMK414.6            | ●                 | 1                           |                         |



|                      |                            |   |                                |  |
|----------------------|----------------------------|---|--------------------------------|--|
| Discharge bore mm    |                            | 150mm   |                                |  |
| Pumping Fluid        | Temperature                | 0-40°C  |                                |  |
|                      | Type of Fluid              | Municipal sewage                                |                                |  |
| 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                     |   |                                |  |
| Motor                | Type, Poles                |   | Induction motor, 4 poles, IP68 |  |
|                      | Lubrication                |   | Turbine oil (ISO VG32)         |  |
|                      | Insulation                 |   | Insulation class H             |  |
|                      | Motor Protector (built-in) |   | Miniature protector            |  |
|                      | Phase / Voltage            |   | 3-phase / 400V / 50Hz / s.d.   |  |
|                      | Material                   | Casing  | Grey iron casting EN-GJL-250   |  |
|                      |                            | Shaft   | Stainless steel EN-X20Cr13     |  |
| Cable                |                            | Rubber, 10m H07RN8-F                            |                                |  |
| Discharge Connection |                            | Flange DIN/ANSI DN150 (PN10)                    |                                |  |
| Optional Accessories |                            | Horizontal installation / Vertical installation |                                |  |



| Model      | A   | B   | B1  | C   | C1  | DN1 | DN2 | J2  | K1  | K2  | K3  | K4  | L   | M   | O    |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| 150BYMK414 | 895 | 610 | 370 | 467 | 209 | 150 | 150 | 273 | 205 | 502 | 637 | 908 | 283 | 520 | 1076 |



W1: lowest running water level