



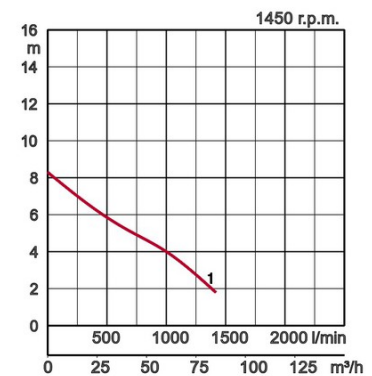
Specifications:

| Model | | Colour code curve | Bore mm | Power output kW | Phases | r.p.m. | Head max. m | Capacity max. l/min | Starting method | Dry weight kg without cable | | Impeller passage mm |
|---------------|-------------------------|-------------------|---------|-----------------|--------|--------|-------------|---------------------|-----------------|-----------------------------|-------------------------|---------------------|
| free standing | with guide rail fitting | | | | | | | | | free standing | with guide rail fitting | |
| 80BYZ42.6LL | TOS80BYZ42.6LL | 1 | 80 | 2,6 | 3 | 1450 | 8,3 | 1576 | direct | 80,0 | 80,0 | 80 |

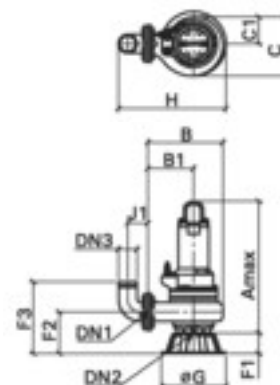
3.7 kW version available in d.o.l. or star-delta



| | | | | |
|----------------------|----------------------------|--|---------------------------------|--|
| Discharge bore mm | | 80mm | | |
| 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 / d.o.l. | | |
| | Material | Casing | Grey iron casting EN-GJL-250 | |
| | | Shaft | Stainless steel EN-X14Cr-Mo-S17 | |
| Cable | | Rubber, 10m H07RN8-F | | |
| Discharge Connection | | Flange DIN/ANSI DN80 (PN10) | | |
| Optional Accessories | | Guide rail fitting "TOS" (guide support, duck foot bend, lifting chain) / Bend and stand set for free standing types | | |



| Model | A | B | B1 | C | C1 | DN1 | DN2 | DN3 | F1 | F2 | F3 | G | H | J1 |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 80BYZ42.6LL | 554 | 360 | 200 | 305 | 145 | 80 | 100 | 3" | 125 | 218 | 316 | 395 | 578 | 137 |



W1: lowest running water level