

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	3,7	14,4	2583	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

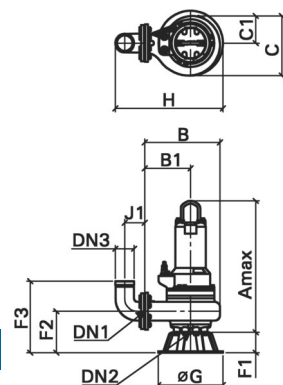
## MOTOR

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 / d.o.l.

## 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
100BYM43.7	692	460	280	357	163	100	100	100	125	225	410	395	656	122



100BYM43.7

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