

TOP 90-300



Submersible pumps

Field of application

- Cellar drainage
- Pump shaft drainage
- Wastewater disposal
- Handling rainwater
- Handling ground water

Design

Completely submersible pump made from stainless steel. Motor with built-in thermal overload protection (single phase motors). Wired ready for connection with 10 m cable and shock proof plug (single phase motors), with free cable end (three phase motors).

WS = single phase motor 1~ 230 V, with float switch

D = three phase motor 3~ 400 V, without float switch

VOX= open impeller

Motor

Protection class	IP 68
Class of insulation.....	F
Voltage.....	1~ 230 V ± 10 %
	3~ 400 V ± 10 %
Motor speed	2800 rpm
Frequency	50 Hz

Technical data

Flow rate.....	Q up to max. 48 m³/h
Total dynamic head	H up to max. 17 mWs
Fluid temperature	t up to max. 40 °C
Impeller grain size.....	50 mm

Pumped fluid

Pure water, sewage or slightly contaminated water without long fibre components.

Materials used

Pump and outer housing.....	stainless steel AISI 304
Impeller	stainless steel AISI 304
Pump shaft	stainless steel AISI 303
Shaft seal	2 seals in oil tank
O-rings.....	NBR
Seal carrier.....	stainless steel AISI 304
Motor spacer ring	cast iron (TOP 300)
Cable	H07RN8-F

Type key

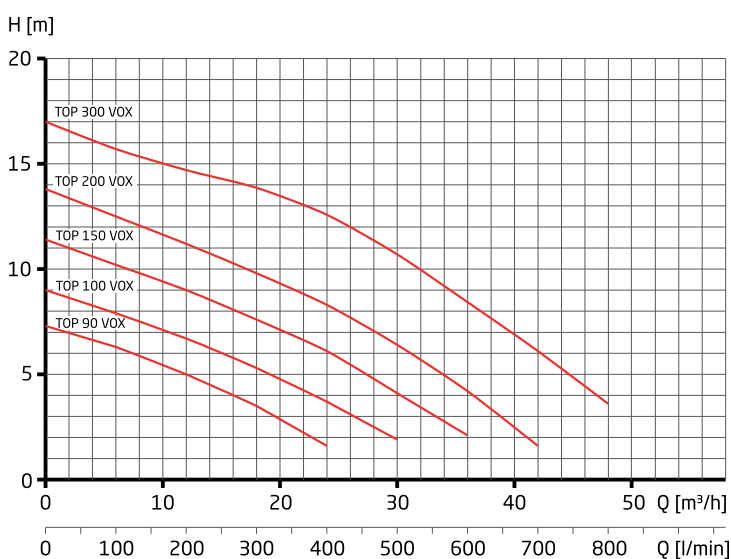
TOP 90 WS VOX

TOP	pump type
90	pump size
WS	motor design, single phase
	incl. float switch
VOX.....	open impeller

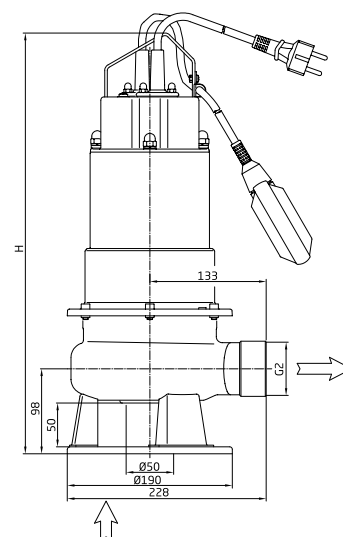
TOP 90-300



Characteristics



Dimensions



Technical data

Type	Pipe connection (G)	Power output P_2 (kW)	Rated current (A) 3~ 400 V	Rated current (A) 1~ 230 V	H (mm)	Weight (kg)
TOP 90 D VOX	2	0.55	1.40	-	486	16.00
TOP 90 WS VOX	2	0.55	-	3.90	486	16.20
TOP 100 D VOX	2	0.75	2.10	-	486	18.00
TOP 100 WS VOX	2	0.75	-	5.80	516	18.20
TOP 150 D VOX	2	1.10	2.80	-	516	20.00
TOP 150 WS VOX	2	1.10	-	7.30	516	20.20
TOP 200 D VOX	2	1.50	3.30	-	516	20.00
TOP 300 D VOX	2	2.20	4.40	-	546	26.00

Order information

Type	Article no.
TOP 90 D VOX	642.2075.127
TOP 90 WS VOX	642.2075.138
TOP 100 D VOX	642.2100.127
TOP 100 WS VOX	642.2100.138
TOP 150 D VOX	642.2150.127
TOP 150 WS VOX	642.2150.138
TOP 200 D VOX	642.2200.127
TOP 300 D VOX	642.2300.127