

ES33 SERIES - 1/3 HP

APPLICATIONS

Basement sumps, dewatering, water transfer, light effluent

FEATURES

- Permanent split capacitor (PSC) motor with thermal overload protection
- Designed for continuous duty
- 1-1/2" FNPT discharge (38 mm)
- Handles up to 3/8" (9.5 mm) solids
- Multiple switch options for automatic operation
- cCSAus listed



SERIES SPECIFICATIONS

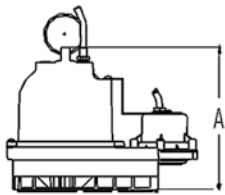
Volts	Hz	Amps		Watts	Performance (GPM @ Height in Feet)			Shut-Off (ft)	PSI
		FLA	Start		5'	10'	15'		
115	60	5.0	12	475	52	40	28	20	8.6

Item No.	Model	Volts	Switch Type/ Operation	On Level	Off Level	Cord	Weight
506420	ES33D1-10	115	Piggyback Vertical Diaphragm	10" - 11.25" 25.4 cm - 28.6 cm	4.25" - 5.25" 10.8 cm - 13.3 cm	10' 3 m	30 lbs 13.61 Kg
506422	ES33V1-10	115	Piggyback Vertical Mechanical	6.75" 17.1 cm	2.5" 6.4 cm	10' 3 m	30 lbs 13.61 Kg
506424	ES33W1-10	115	Piggyback Mechanical Float	12.25" 31.12 cm	4.75" 12.01 cm	10' 3 m	30 lbs 13.61 Kg

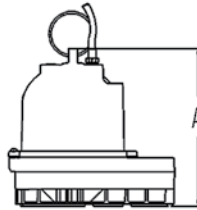
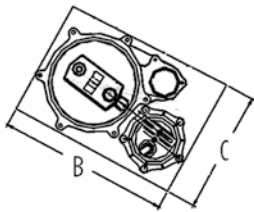
SUMP PUMPS

ES33 SERIES - 1/3 HP

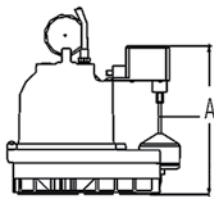
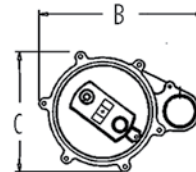
ENGINEERING DATA



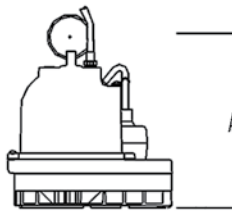
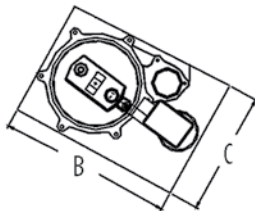
ES33D1



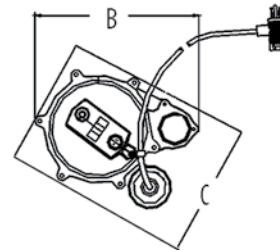
ES33M1



ES33V1

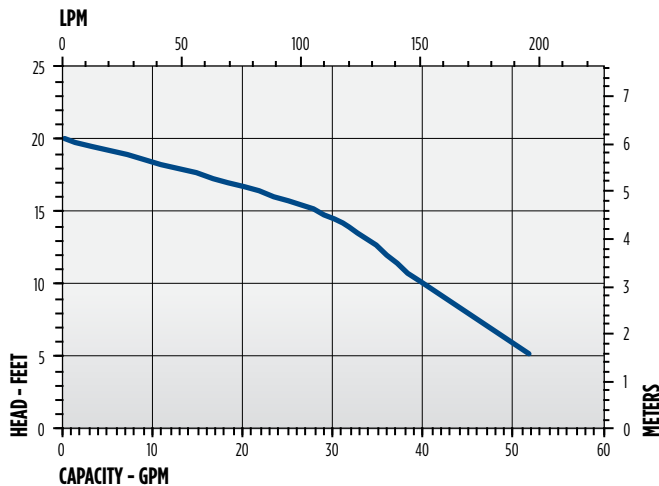


ES33W1



Model	A	B	C
ES33D1	9.5" 24.13 cm	11.25" 28.57 cm	9.75" 24.77 cm
ES33M1	9.5" 24.13 cm	10" 25.4 cm	8" 20.32 cm
ES33W1	10.5" 26.67 cm	11.25" 28.57 cm	10" 25.4 cm
ES33V1	9.5" 24.13 cm	10" 25.4 cm	8" 20.32 cm

PERFORMANCE DATA



CONSTRUCTION

Motor Housing	Epoxy-coated cast iron
Impeller Material	Engineered composite
Impeller Type	Recessed, Vortex
Volute	Glass-filled polypropylene
Motor Shaft	Cold-rolled steel (not exposed)
Mechanical Shaft Seal	Nitrile with carbon and ceramic faces
Fasteners	Stainless steel
Bearings	Upper: Sintered iron/copper, flanged sleeve Lower: Ball bearing
Power Cord	16/3 SJTW-A