Experts in water.

DAVEY

APPLICATIONS

Ideal for pumping clean, non-volatile liquids without fibres or solids in such applications as:-

- Domestic water supply
- Irrigation
- Water transfer
- Washing systems
- Pressure boosting

XF Series

Model Numbers:
XF111SS, XF211SS & XF311SS

Australian made, robust and compact, single-stage stainless steel centrifugal pump, driven by a powder coated, TEFC motor. Designed for total head duties to 36m and flows to 215 lpm.

WHY CHOOSE DAVEY XF Pumps?

PUMP

Single impeller design.

Closed vane 304 stainless steel impellers.

Patented independently floating neck ring.

316 stainless steel pump shaft.

304 stainless steel casing.

Mechanical shaft seal.

Oring casing seal.

MOTOR

2 pole, 50Hz, 220-240V single phase.

TEFC motor is powder coated for high corrosion resistance and prevents dust and dirt ingress.

Environmentally friendly manufacturing process as powder coatings emit near zero volatile organic compounds and produces less hazardous waste than conventional paint coatings.

Class F insulation.

Permanently split capacitor design.

Protected against both high operating temperature and high current by a built-in automatically resetting thermal overload.

BENEFITS

Manufactured from quality corrosion resistant materials.

Motor and pump designed for frequent starts.

Quick and easy installation.

Low maintenance.

Easy to service if required.

australian owned

OPERATING LIMITS			
Model	**XF111SS**	**XF211SS**	**XF311SS**
Capacities to (lpm)	175	200	215
Maximum total head (m)	27	30	36
Maximum suction head (m)	7.0		
Max. water temperature continuous	+85ºC		
Minimum water temperature	-15ºC		
Maximum ambient temperature	55ºC		
Inlet size BSP (F)	1¼"		
Outlet size BSP (F)	1"		
Maximum pump casing pressure (kPa)	800		

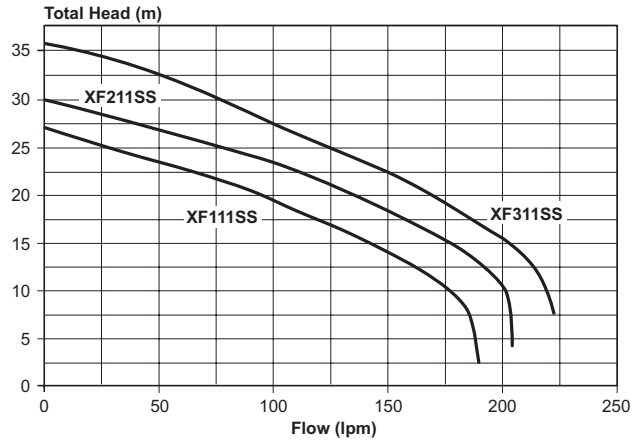
ELECTRICAL DATA			
Model	**XF111SS**	**XF211SS**	**XF311SS**
Nominal rpm	2900		
Volts/hertz/phase	220-240/50/1		
IP rating/insulation	55/Class F		
Amps	4.90	5.40	7.30
kW (P_1)/(P_2)	1.10/0.75	1.30/0.90	1.70/1.10
hp (P_1)/(P_2)	1.50/1.00	1.73/1.20	2.30/1.50

INSTALLATION AND PRIMING

- Installations with suction lift require a good quality foot valve to avoid loss of prime.
- To prime, fill pump body and suction line through priming plug hole located above suction inlet and replace plug.

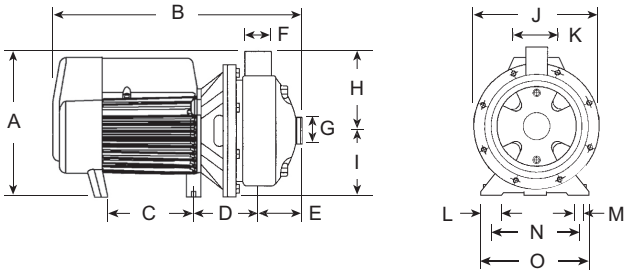
MATERIALS OF CONSTRUCTION	
Part	**Material**
Impellers	304 stainless steel
Lock nut	304 stainless steel
Pump casing	304 stainless steel
Pump shaft	316 stainless steel
Seal ring (stationary)	Ceramic
Seal ring (rotating)	Carbon
Seal spring	304 stainless steel
Orings	Nitrile rubber
Diffuser	304 stainless steel
Neckring	Glass filled polypropylene
Motor shell	Aluminium
Shell finish	Polyester

HYDRAULIC PERFORMANCE

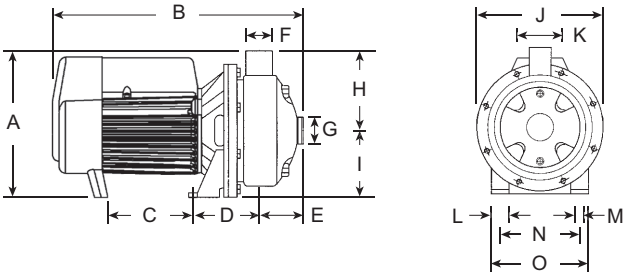


DIMENSIONS (mm)

XF111SS & XF211SS



XF311SS



Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	Net Weight kg
XF111SS	232	345	135	88	52	1"	1¼"	124	107	213	52	37.5	11	140	170.5	10.0
XF211SS	232	345	135	88	52	1"	1¼"	124	107	213	52	37.5	11	140	170.5	11.0
XF311SS	260	410	176	97	51	1"	1¼"	139	121	240	60	39.0	9	140	180.0	14.5

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