

# DAVEY Dynaflo®



## 6000 Series

Model Numbers:  
62201, 62203 & 62303



## RUGGED, ECONOMICAL SINGLE STAGE CENTRIFUGAL PUMP

### APPLICATION

Ideal for water supply, water transfer, hosing down dairies, factory floors etc. tank filling, sprinkler supply and garden reticulation.

### FEATURES & BENEFITS

- **Designed for total heads to 42m** and flows to 460 lpm
- **Every pump is performance and pressure tested in our factory** to ensure quality and reliability
- **Cast iron pump casing** with baked polyester finish inside & outside for long life
- **O-ring sealed hand tightened priming plugs** for easy operation
- **Proven, robust pump design** for long life
- **Davey manufactured motor with IP56-TEFC, 2 pole motor is corrosion resistant** for long term protection against vermin, dust and water
- **Motor and pump are designed for frequent starts** providing a long and reliable working life
- **In-built thermal overload protection with automatic reset in all single phase models** for long term motor protection
- **Double contact seal, C3, high temperature greased bearings** for long life and smooth running
- **2m power lead with 15amp Australian three pin plug** fitted to all single phase models
- **Also available in 230V single phase 60Hz, 380V three phase 60Hz and 230/460V three phase 60Hz versions**
- **Single phase 62201S model** is suitable for both 220-240V and 440-480V single phase supply
- **Corrosion resistant motor mounting feet** for long life

# Single Stage Pumps

## OPERATING LIMITS

Model	6220	6230
Capacities to	360 lpm	460 lpm
Maximum total head	38.7m	42.2m
Maximum suction head	7.0m	
Maximum water temperature	50°C	
Minimum water temperature	1°C	
Inlet size	2" BSP(F)	
Outlet size	1½" BSP(F)	
Maximum casing pressure	105m	

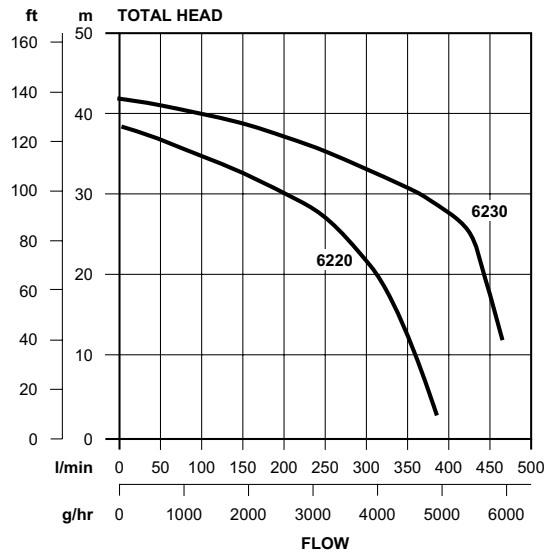
## MATERIALS OF CONSTRUCTION

PART	MATERIAL
Impellers	Glass filled polycarbonate
Pump casing	Cast iron
Seal ring (stationary)	Ceramic
Seal ring (rotating)	Carbon
Shaft	304 stainless steel
Seal elastomer	Nitrile rubber
Pump o-rings	Nitrile rubber
Motor shell	Aluminium
Pump casing/Shell finish	Baked polyester
Motor mounting feet	Xenoy plastic
Motor through bolts	304SS with brass nuts
Motor fan	Polypropylene

## INSTALLATION AND PRIMING

- Installation 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.

## HYDRAULIC PERFORMANCE



## ELECTRICAL DATA

Model	6220		6230	
Phase	Single	Three	Three	Three
Supply frequency	50Hz			
Supply voltage	220-240	440-480	380-415	380-415
Full load current	14A	7A	4.5A	6.2A
Locked rotor current	54A	27A	24A	47A
Input power	3.2kW		2.63kW	3.7kW
Output power	2.2kW		3.2kW	
Insulation	Class F			
Starting	P.S.C.		N/A	
IP rating	IP56			

## DIMENSIONS (mm)

Model	A (mm)	B (mm)	Mounting holes diameter (mm)	Inlet B.S.P.	Outlet B.S.P.	Net Weight (kg)
6220 1Ø	415	280	10	2" F	1½" F	32.0
6220 3Ø	405	270	10	2" F	1½" F	29.7
6230 3Ø	445	310	10	2" F	1½" F	33.4

