Dynaflo®



RUGGED, ECONOMICAL SINGLE STAGE CENTRIFUGAL PUMP





Model Numbers: 62201, 62203 & 62303

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

APPLICATION

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

- 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	11/2" 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.





ELECTRICAL DATA							
Model		6230					
Phase	Sin	gle	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			/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	11⁄2"F	32.0	
6220 3Ø	405	270	10	2"F	11⁄2"F	29.7	
6230 3Ø	445	310	10	2"F	11⁄2"F	33.4	







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