

# DOMINATOR SERIES

## SUBMERSIBLE DOMESTIC PRESSURE PUMP

### MULTISTAGE PUMP



DOMINATOR



#### FEATURES

Stainless steel body provides strength and superior protection against corrosion

Precision moulded internals from the Signature 2000 series for high efficiency and durability

Coupled with a Minipress, Presscontrol or WaterSwitch this becomes a reliable automatic pressure system with loss of prime protection

Fully insulated cable connection chamber

Inbuilt thermal overload

Dual mechanical seals

Max. head - 57 m.

Max. flow - 94 lpm.

#### APPLICATIONS

-Domestic pressure system (with Minipress, Presscontrol or WaterSwitch), irrigation and garden water supply and water transfer.

#### SCOPE OF SUPPLY

##### **D75-35/D75-56/D115-57**

Dominator manual pressure pump with 20m nylon suspension cord.

##### **DM75-35**

Dominator 75-35 pump with Minipress, 20m nylon suspension cord and wall mounting brack for Minipress.

##### **DP75-56 / 115-57**

Dominator 75-56 / 115-57 pump with Presscontrol, 20m nylon suspension cord and wall mounting bracket for Presscontrol.

#### PUMP INFORMATION

Vertical, multistage, submersible pump with closed impellers for pumping debris free water, integrated with a cool running Totally Enclosed Fan Cooled 2 pole motor with inbuilt thermal overload.

#### OPERATING CONDITIONS

Suitable for pumping clean non-aggressive liquids without solids or fibres in suspension.

Fluid:	Water
Maximum water temperature:	40°C
Minimum water temperature:	1°C
Maximum submergence:	20m
Minimum priming level:	120mm

\*Not suitable for use in borehole applications

## ELECTRICAL DATA

Type	Type of current	Voltage	Frequency Hz	Motor rating kW		RPM min	Full Current	Motor protection	Insulation class	IP rating
				P1	P2					
D75-35	1-phase	230	50	0.6	0.35	2850	3 A	Inbuilt	F	IP68
D75-56	1-phase	230	50	0.75	0.6	2850	3.3 A	Inbuilt	F	IP68
D115-57	1-phase	230	50	1.1	0.8	2850	5 A	Inbuilt	F	IP68

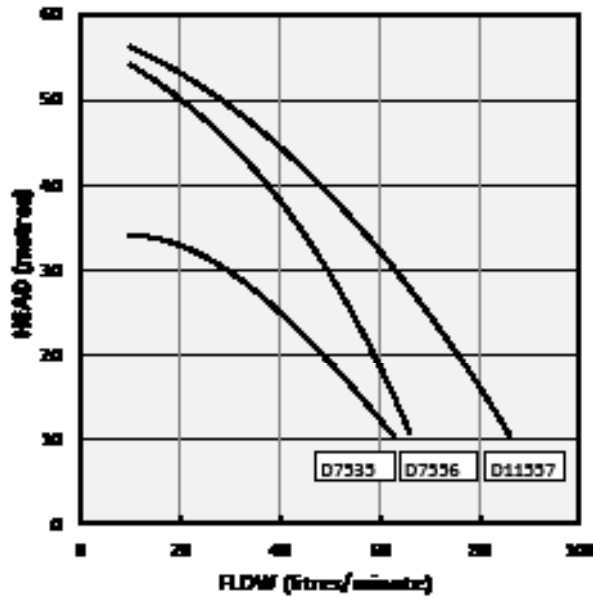
## DIMENSIONS

Type	Pump Length x Diameter	Weight approx.	Packed L x W x H	Packed weight	Pump outlet	No. of stages	Cable length
D75-35	560 x 98 mm	10.2kg	625 x 240 x 125 mm	11.2kg	1 1/4" BSP (female)	5	20 m
D75-56	643 x 98 mm	10.8kg	720 x 240 x 125 mm	11.8kg	1 1/4" BSP (female)	8	20 m
D115-57	643 x 98 mm	10.8kg	720 x 240 x 125 mm	11.8kg	1 1/4" BSP (female)	8	20 m

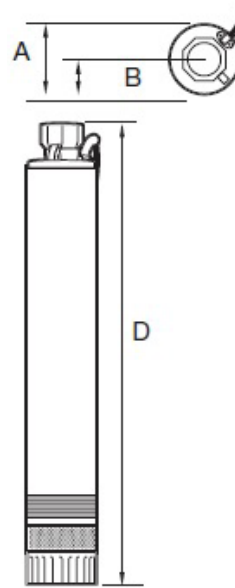
## PERFORMANCE

Type	P/No	Delivery head [m]	10	15	20	25	30	35	40	45	50	55
D75-35	D7535	Capacity [litres per minute]	63	55	49	40	29	-	-	-	-	-
D75-56	D7556		66	63	58	54	49	44	37	29	20	-
D115-57	D11557		86	81	75	69	63	56	47	38	28	14

## PERFORMANCE CURVE



## DIMENSIONS



Type	A	B	D
D75-35	98	49	560
D75-56	98	49	643
D115-57	98	49	643

## PUMP CONSTRUCTION MATERIALS

Component	Material
Pump body casing	304 Stainless Steel
Check valve	Thermoplastic
Bushing	303 Stainless Steel w. ceramic coating.
Impeller	Acetal
Diffuser	Polycarbonate
Diffuser cap	Polycarbonate
Seal stationary face	Aluminium oxide
Seal rotating face	316 Stainless Steel/Carbon graphite
Suction filter	430 Stainless Steel
Base	Noryl
Motor shaft	303 Stainless Steel
O'Rings	Nitrile



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