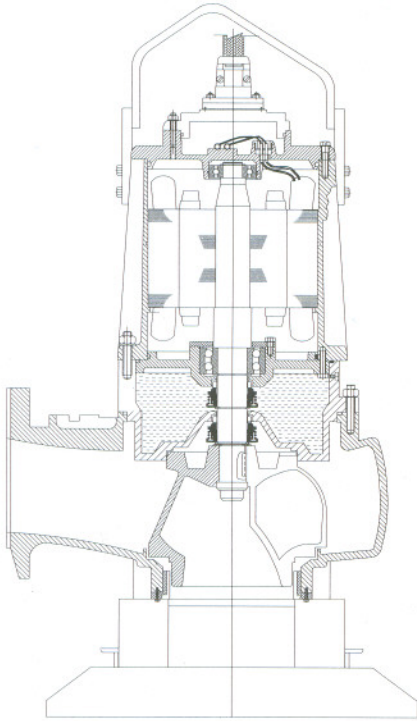
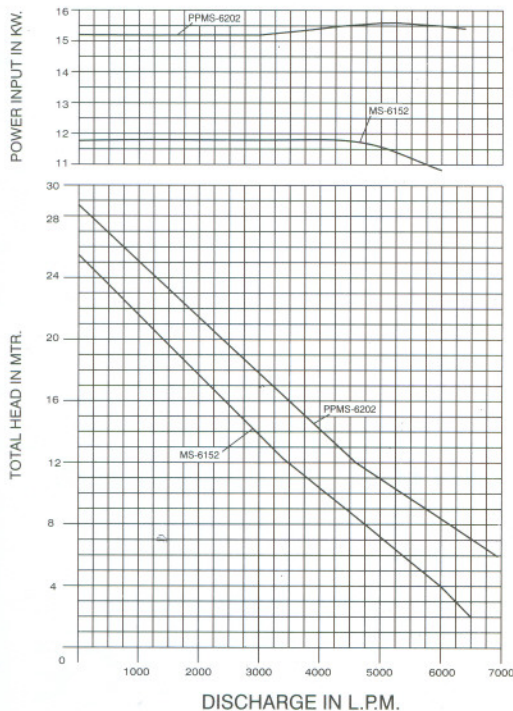


mody ELECTRIC SUBMERSIBLE SEWAGE PUMP

MS 6152/6202



PUMP MODEL : MS-6152/MS-6202



MS 6152/6202

MATERIALS OF CONSTRUCTION AND ENGG. DATA SPECIFICATIONS:

Model	MS 6152	MS 6202
kW	11	15
RPM	1450	1450
Max. Amps (415 Volts)	22	30.5
Solid Handling (mm)	100	100
Weight - P Type (approx.) - Kgs.	370	380
Weight - S Type (approx.) - Kgs.	300	310
Impeller Type	Channel	Channel
Max. Temp. of Pumped Fluid :	40°C	40°C
Max. Starts/Stop Per Hour :	15	15
Max. Submergence :	10 Meters	10 Meters

MOTOR

4 Pole continuous rated motor with squirrel cage rotor. Bi-metalllic switches embedded in stator winding to protect against overheating. Stator insulation class "F".

POWER SUPPLY

415 Volts +/-6%, 3 Phase, 50 Hz +/-3% AC Supply. It is also available for any combination of voltage and frequency on special request.

BALL BEARINGS

The rotor shaft is carried in two ball bearings. The lower bearing is a double row angular contact bearing capable of carrying high thrust and radial loads. The upper bearing is a deep groove single row ball bearing. The bearings are filled with high temperature grease containing special anti-corrosive additive with no maintenance required for life.

POWER CABLE

Waterproof/oil proof EPR insulated, single sheathed copper conductor flexible cable fitted with strain relief grip. 15 mtrs. length, size 7 core 4 sq.mm. + 2 core 1sq.mm.

SHAFT SEALS

Twin seals in tandem. Extremely compact, resulting in a short shaft overhang reducing shaft deflection to a minimum. Seal faces of Tungsten carbide v/s Tungsten carbide ensuring long life between service intervals.

HYDRAULICS

Single channel impellers, hydrodynamically balanced with improved flow pattern making them virtually unchokeable. Computerised design resulting in high efficiency and low running costs. Smooth contoured volute design ensuring low head losses.

COOLING

Integral cast cooling fins on motor casing with large cooling area ensure efficient heat dissipation and low temperature rise. Shrink fitted stators and short shaft contribute to efficient cooling.

MATERIALS OF CONSTRUCTION

Description	Material	Spec.
Stator Casing	Cast Iron	IS:210-Grade FG 200
Pump Casing	Cast Iron	IS:210-Grade FG 200
Impellers	Cast Iron	IS:210-Grade FG 200
	St. Steel	A351 CF8M (eqv. to SS316) (optional)
Shaft	St. Steel	AISI 431
Hardware	St. Steel	AISI 304
Mech. Seals	TC V/S TC	
"O" Rings	Nitrile rubber	

SURFACE TREATMENT

Primer with Epoxy and subsequently painted with black chloric paint for max. corrosion protection.

Due to product development, specifications may be subject to change.

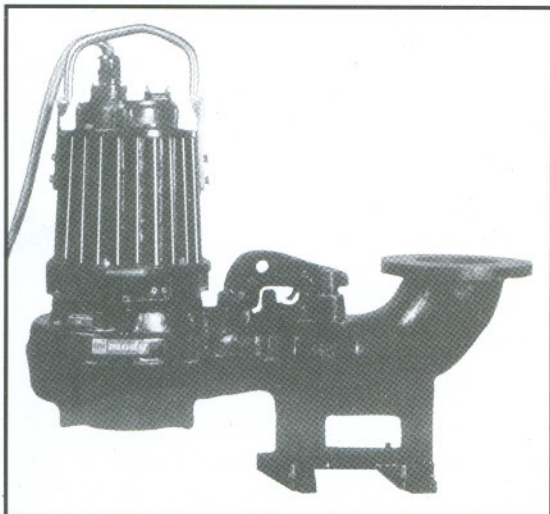
mody ELECTRIC SUBMERSIBLE SEWAGE PUMP

MS 6152/6202 SERIES

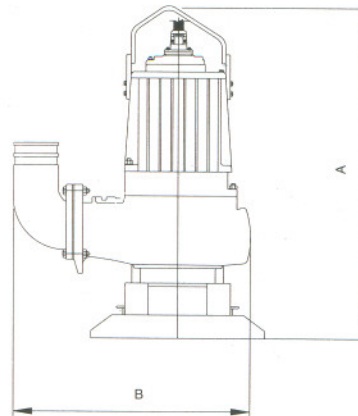
SUBMERSIBLE
SEWAGE PUMPS
FOR
STATIONARY WET PIT INSTALLATION
(P TYPE)
MOBILE WET PIT INSTALLATION
(S TYPE)

Model MS 6152 - 6" Flange/Hose

Model MS 6202 - 6" Flange/Hose [8" flange/Hose (optional)]

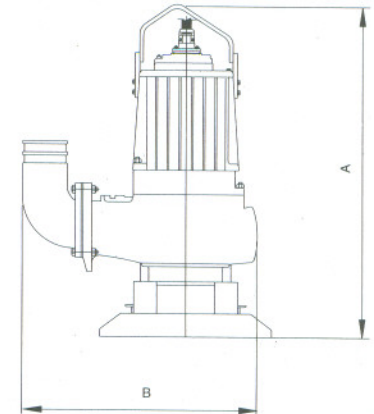


PORTABLE INSTALLATION



MS-6152

A	B
1115	850

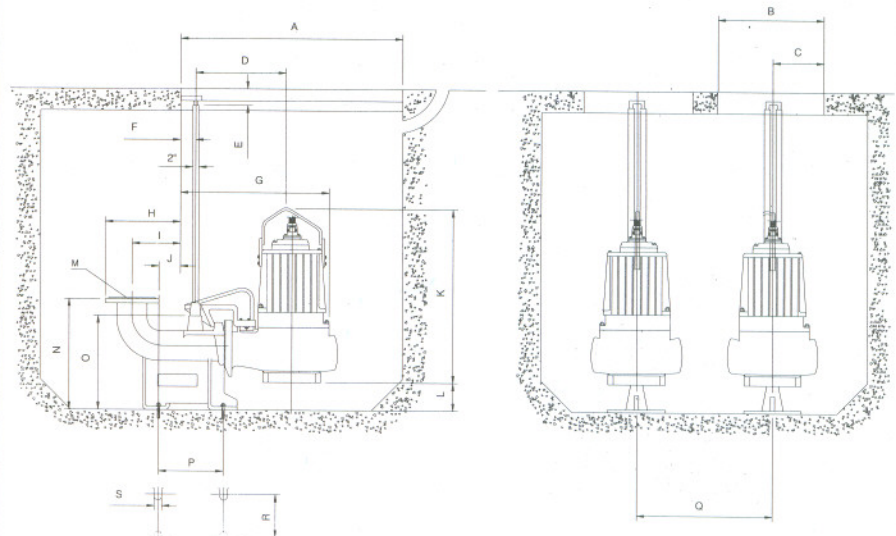


MS-6202

A	B
1115	850

STATIONARY [SEMI PERMANENT] WET PIT INSTALLATION

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
MS6152	1200	850	425	430	130	85	765	390	215	139	900	125	150	510	435	250	950	200	23
MS6202	1200	850	425	430	130	85	765	390	215	139	900	125	150	510	435	250	950	200	23



DIMENSIONS SUBJECT TO CHANGE WITH PRIOR NOTICE



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