

MQ ST3050D

MULTIQUIP® 3" Submersible Pump

GALLONS PER MINUTE

264 (999 L)

HEAD

86 ft (26.2 M)

POWER

230/460V, Three Phase, 60Hz

APPLICATIONS

CONSTRUCTION

Standing Water, Excavation, Site Drainage, and Well Casings

INDUSTRIAL

Water Supply from Lakes/Rivers and Flooded Rooftops

RESIDENTIAL

Flooded Basements, Swimming Pools, Decorative Waterfalls and Fountains

STANDARD FEATURES

- **Heavy-duty 5 HP motor** for maximum reliability.
- Replaceable 3" (NPT) male discharge port.
- Easy clean out base design.
- **Compact Steel/Cast Iron housing** and **streamlined design** allows pump to fit into 10.2" pipes.
- **49.2 ft molded power cord** with strain relief.
- Simple voltage adjustment system allows you to easily switch between 230/460V.
- Pumps liquids up to 104° F.
- **Cast iron/steel motor inner casing** serves as heat conductor.
- Reliable double mechanical oil-filled seals.

WARRANTY*

ST3050D: 12 months from date of purchase.

Hoses: 3 months from date of purchase.

Float Switches: 3 months from date of purchase.

CB200: 3 months from date of purchase.

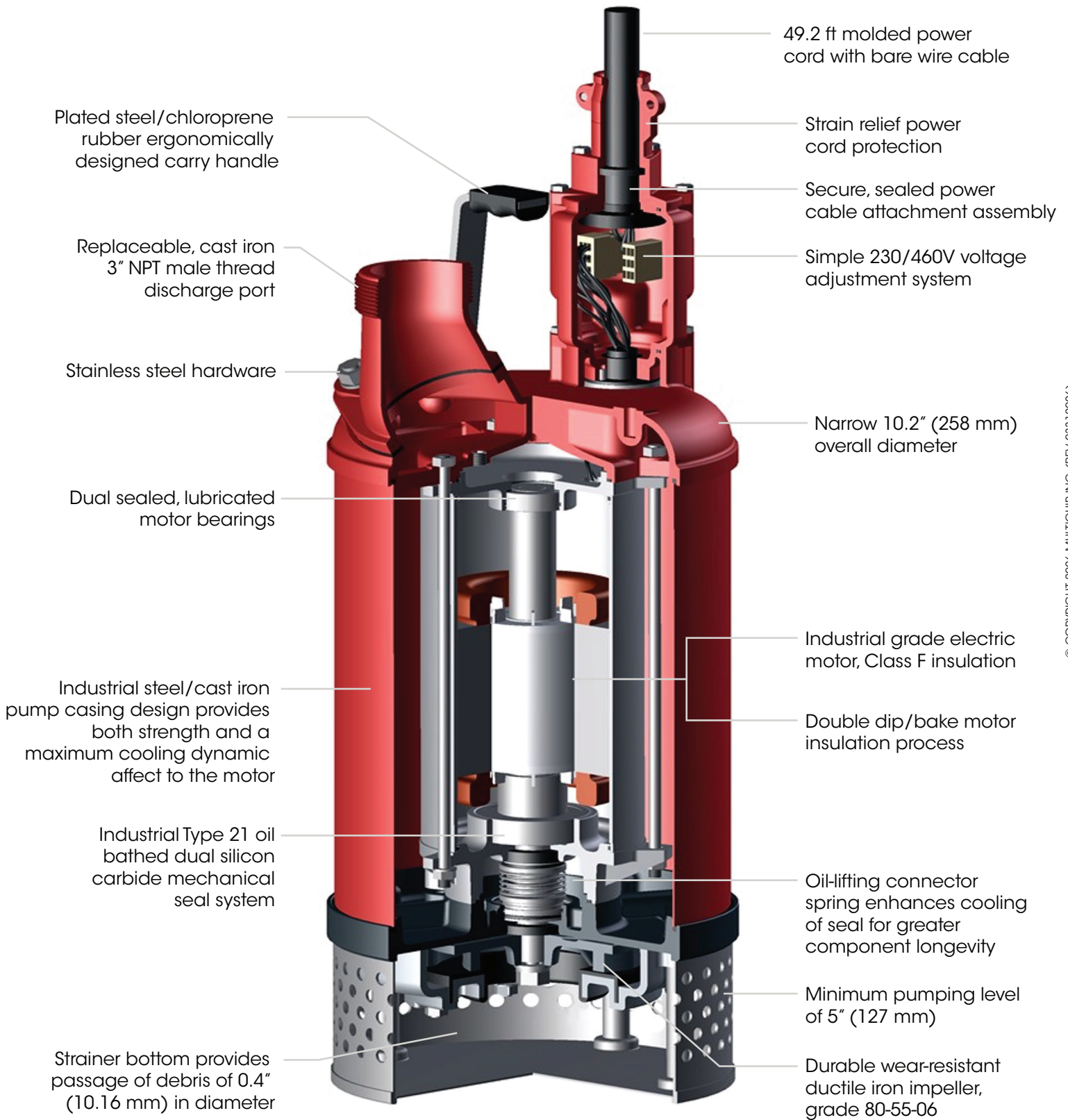
*Refer to the MULTIQUIP NEW PRODUCT LIMITED WARRANTY FOR FULL TERMS AND CONDITIONS.





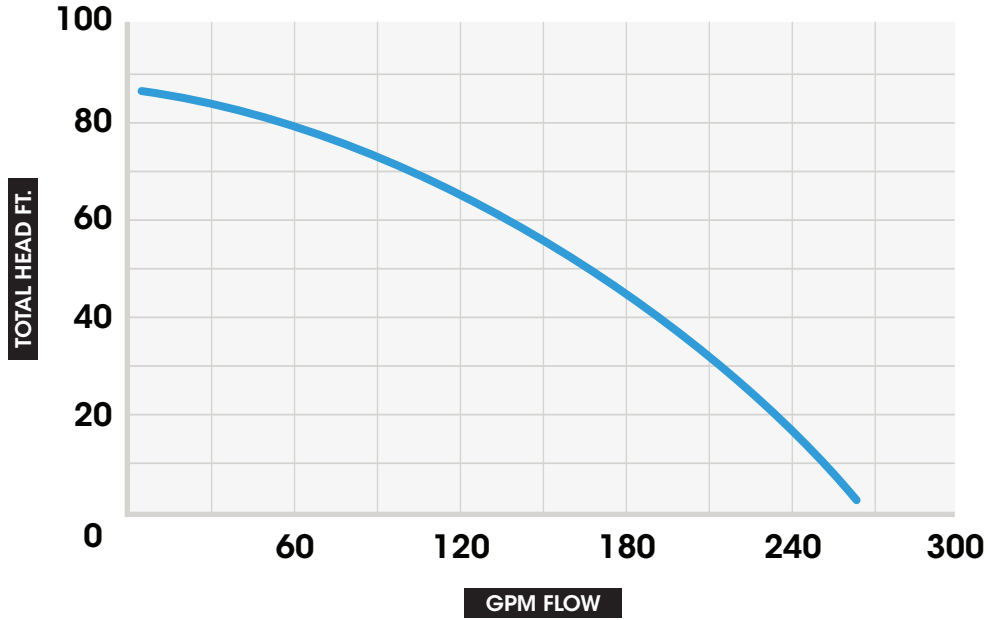
ST3050D

FEATURES

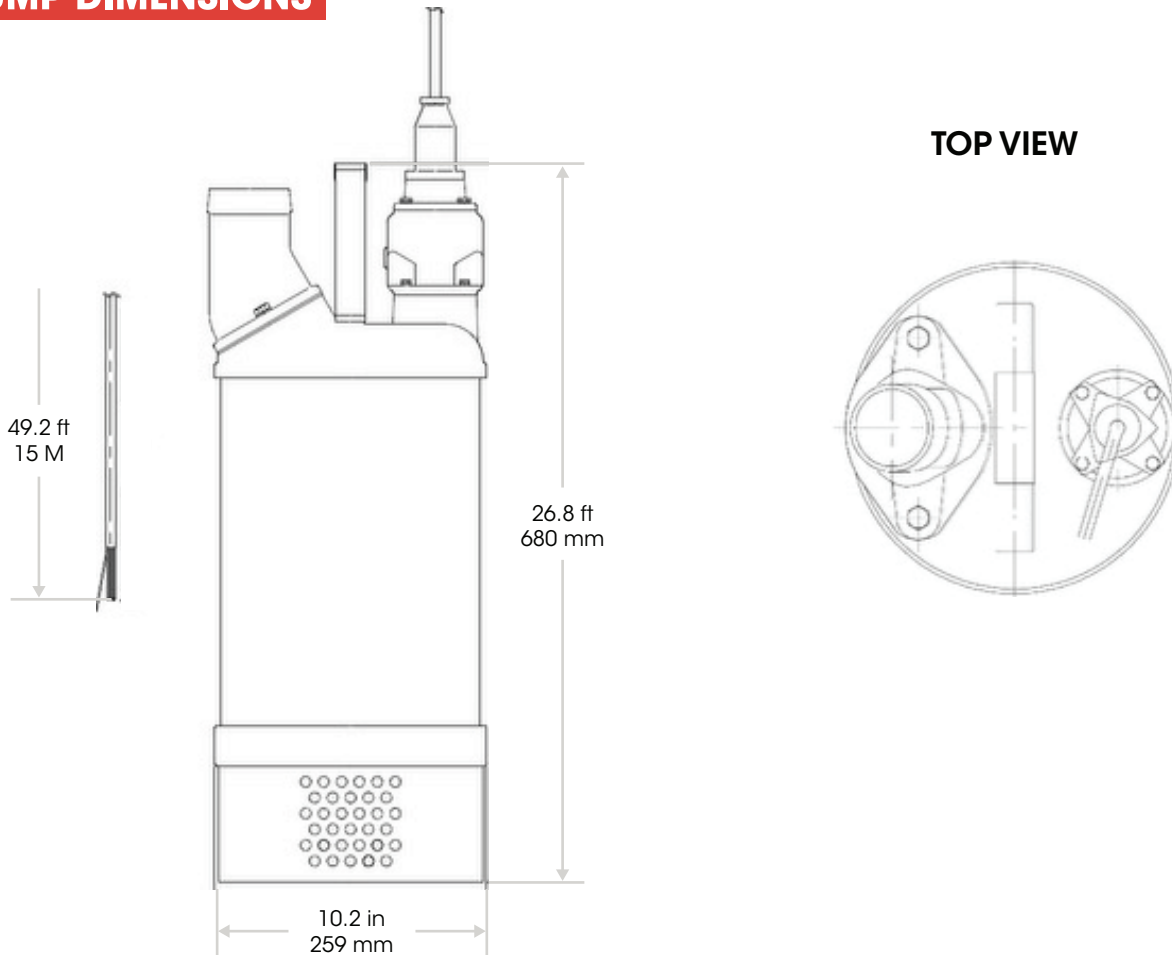


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PUMP CURVE



PUMP DIMENSIONS



SPECIFICATIONS

PUMP SPECIFICATIONS	
MODEL	ST3050D
TYPE	CENTRIFUGAL SUBMERSIBLE PUMP
IMPELLER	DUCTILE IRON
SUCTION/DISCHARGE SIZE	3.00 in (76.2 mm)
MAX. PUMPING CAPACITY	264 GALLONS/MIN (999 L/MIN)
MAX. HEAD	86 ft (26.2 M)
PSI	37.2
MIN. PUMPING LEVEL	5 in (127 mm)
MIN. SUBMERGENCE	32.1 in (815.3 mm)
MAX. SOLID HANDLING	0.4 in (10.16 mm)
HORSEPOWER	5 (3.728 kW)
VOLTAGE	230V/460V
PHASE	3Ø
FREQUENCY	60 Hz
STARTING AMPS (230V/460V)	97.5/51.5
RUNNING AMPS (230V/460V)	14.2/7.1
MIN. GENERATOR KW TO START/RUN	33 kW/4.6 kW
INSULATION	CLASS F
MAX. FLUID TEMPERATURE	104°F (40°C)
THERMAL OVERLOAD PROTECTION	-
ROTATION	COUNTERCLOCKWISE
RPM	3,450 (±30)
MECHANICAL SEAL SYSTEM	OIL BATHED, DUAL SILICON CARBIDE, CORROSION RESISTANT
MECHANICAL SEAL OIL CAPACITY	7.4 oz (220 cc)
MECHANICAL SEAL OIL TYPE	10SP VG32 OR EQUIVALENT
MECHANICAL SHAFT	STAINLESS STEEL
O-RINGS	NITRILE RUBBER
HARDWARE	STAINLESS STEEL
SALT OR CHEMICALS	NO
POWER CABLE PLUG	BARE WIRES
POWER CABLE PROTECTION	STRAIN RELIEF
POWER CABLE LENGTH	49.2 ft (15 M)
DRY WEIGHT	120 lb (54.4 kg)

FLOAT SWITCH FEATURES	SW1WOPA
SINGLE MECHANICAL FLOAT	X
OPEN WIRE END, FOR CONTROL BOX APPLICATIONS ONLY	X
CORROSION RESISTANT PVC HOUSING	X
HEAVY-DUTY CONTACTS	X
OPERATES IN WATER UP TO 104°F (40°C)	X
ADJUSTABLE RANGE 7" TO 36" (18 TO 91 CM)	X
16 GAUGE CORD FLOAT SWITCH CORD 20' (6.1 M)	X
PRESSURE TESTED TO 60'	X
INCLUDES MOUNTING CLAMPS	X
UL RECOGNIZED	X
CSA CERTIFIED	X



CB200



SW1WOPA

CB200 CONTROL BOX

Water resistant fiberglass housing and cable connectors prevent moisture from entering into box. Features operation AUTO switch

SW1WOPA float switch sold separately.

Voltage - 230V
Phase - 3Ø
Amps (FLA) - 14.2A

Voltage - 460V
Phase - 3Ø
Amps (FLA) - 7.1A

Note: The ST3050D is not equipped with internal thermal overload protection. Control box **CB200** is required to provide overload safety shut downs that are thermal and voltage related, and to assist in powering float switches.

OPTIONS

DISCHARGE HOSES

- **HD350C** - 3" x 50 ft., 60psi, NPS thread
- **HDQ350C** - 3" x 50 ft., 60psi NPT thread, includes one quick disconnect coupler
- **A300A** - 3" type A coupler, male quick disconnect x female NPT



HD250C



HDQ250C



A200A

NOTICE Features and Specifications are subject to change without notice.