



Flygt 2201.590

MSHA EXPLOSION-PROOF CLASSIC DEWATERING PUMP

60Hz

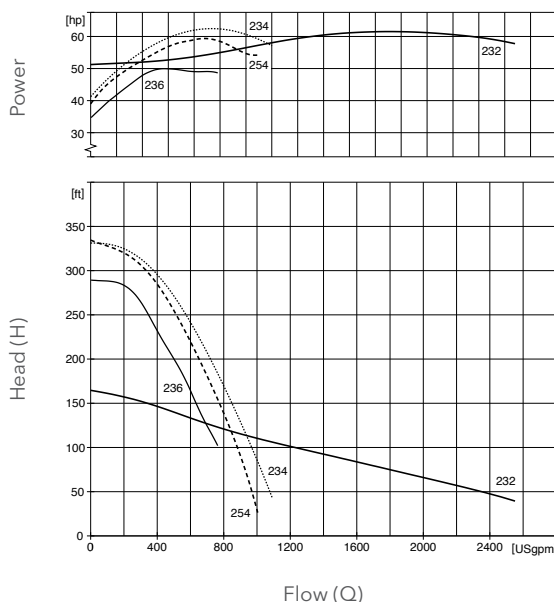
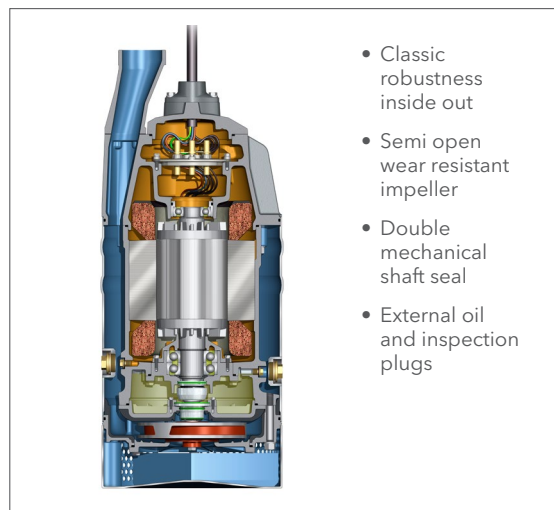


Tough pumps for dewatering

The Flygt dewatering pumps from Xylem are designed for tough operating conditions. The pumps are ideal for applications in which the water or liquid contains high amounts of clay, stone chips, drilling fines etc, or to pump heavy sediment from tanks, sumps and containers.

This explosion-proof/MSHA approved cast iron dewatering pump is designed for heavy-duty applications in which the liquids are abrasive, mildly corrosive or contains chlorides.

Our dewatering pumps are backed by an outstanding support and world-wide presence. Operating in over 150 countries, we bring many years of experience to bear in order to keep your business moving.



Voltage (V)	Rated current (A)	Starting current (A)
440	67	405
460	65	395
575	52	300
600	49	284
950	32	150
1,000	30	159

Denomination

Product code	2201.590
Installation	Portable
Discharge connection	4"/6"/8"
Impeller characteristics	Medium Head (MT) Semi open wear resistant impeller High Head (HT) Semi open wear resistant impeller

Process data

Liquid temperature	104°F (40°C)
Depth of immersion	max 65 ft (20 m)
Liquid density	max 9.2 lb/US gal (1,100 kg/m³)
Strainer hole dimension	HT Ø 0.47" (12 mm), MT 0.59" (15mm)
pH of pumped liquid	pH 6-11

Motor data

Frequency	60 Hz
Insulation class	H 356°F (180°C)
Voltage variation	max +/- 10% - continuous running max +/- 10% - intermittent running
Voltage imbalance	max 2% between phases max 30 - no of starts/hour

Monitoring equipment

Thermal contacts	257°F (125°C)
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Cables

SUBCAB®	SUBCAB® submersible cable
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Materials

Outer casing	Galvanized steel
Impeller	Hard-Iron™
Wear parts	Nitrile rubber
Stator housing	Cast iron
Strainer	Galvanized steel
Shaft	Stainless Steel
O-rings	Nitrile rubber
Discharge connection	Cast iron

Mechanical face seals

Inner Active Seal™	WCCR (Tungsten Carbide)
Outer	WCCR (Tungsten Carbide)/RSiC (Silicon Carbide) option

Weight & dimensions

Weight (excl. cable)	772 (HT), 981 (MT-H) lbs (350 (HT), 445 (MT-H) Kg)
Height	41.4" (HT), 47.3" (MT-H) lbs (1,050 (HT), 1,200 (MT-H) mm)
Width	16.9" (HT), 20.1" (MT-H) lbs (436 (HT), 510 (MT-H) mm)

MT-H = Horizontal discharge

Approvals

MSHA 30CFR Part 18, Approval number X/P-3400-1

Options

Stainless Steel Impeller (HT)
Quick couplings

Accessories

Hose connections and floating rafts. Electrical accessories such as pump controllers, control panels and monitoring relays. Zinc anodes.

Rating 60 Hz

• 3,540 rpm
• 58 hp (43 kW)