

# Submersible Effluent Pump

**MODEL**

# 3885

PROSURANCE AVAILABLE FOR RESIDENTIAL APPLICATIONS.



## APPLICATIONS

Specifically designed for the following uses:

- Homes
- Farms
- Trailer courts
- Motels
- Schools
- Hospitals
- Industry
- Effluent systems

## SPECIFICATIONS

### Pump

- Solids handling capabilities: 3/4" maximum.
- Discharge size: 2" NPT.
- Capacities: up to 140 GPM.
- Total heads: up to 128 feet TDH.
- Temperature: 104°F (40°C) continuous, 140°F (60°C) intermittent.
- See order numbers on reverse side for specific HP, voltage, phase and RPM's available.

## FEATURES

- **Impeller:** Cast iron, semi-open, non-clog with pump-out vanes for mechanical seal protection. Balanced for smooth operation. Silicon bronze impeller available as an option.
- **Casing:** Cast iron volute type for maximum efficiency. 2" NPT discharge.
- **Mechanical Seal:** SILICON CARBIDE VS. SILICON CARBIDE sealing faces. Stainless steel metal parts, BUNA-N elastomers.

- **Shaft:** Corrosion-resistant, stainless steel. Threaded design. Locknut on three phase models to guard against component damage on accidental reverse rotation.
- **Fasteners:** 300 series stainless steel.
- Capable of running dry without damage to components.
- Designed for continuous operation when fully submerged.

## MOTORS

- Fully submerged in high-grade turbine oil for lubrication and efficient heat transfer.
- Class B insulation.

## Single phase:

- Built-in overload with automatic reset.
- All single phase models feature capacitor start motors for maximum starting torque.
- 1/3 and 1/2 HP – 16/3 SJTOW with 115, 208 and 230 Volt three prong plug.
- 3/4-2 HP – 14/3 STOW with bare leads.

## Three phase:

- Overload protection must be provided in starter unit.
- 1/2-2 HP – 14/4 STOW with bare leads.

- **Designed for Continuous Operation:** Pump ratings are within the motor manufacturer's recommended working limits, can be operated continuously without damage when fully submerged.

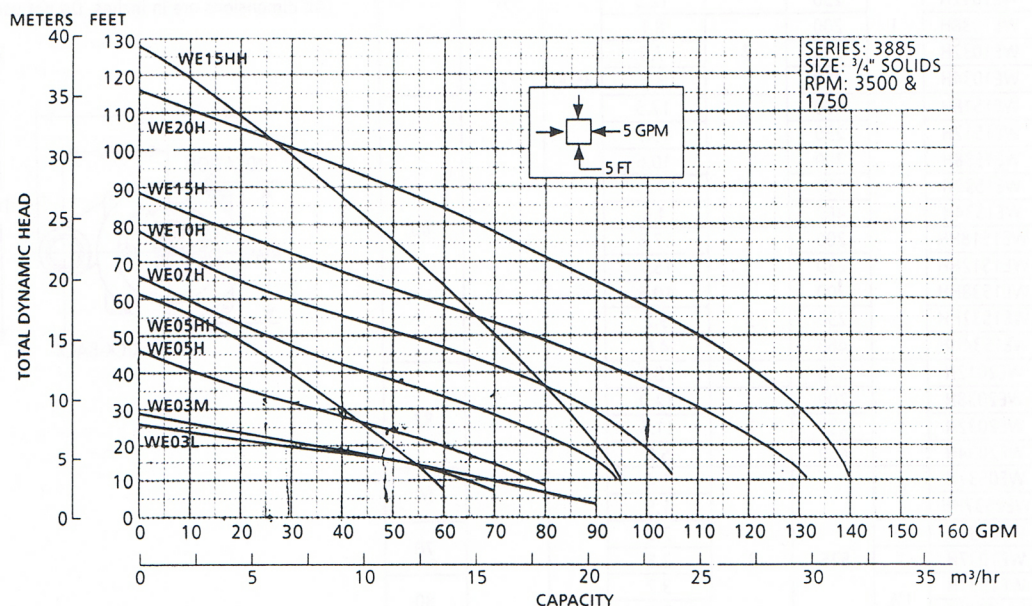
- **Bearings:** Upper and lower heavy duty ball bearing construction.
- **Power Cable:** Severe duty rated, oil and water resistant. Epoxy seal on motor end provides secondary moisture barrier in case of outer jacket damage and to prevent oil wicking. Standard cord is 20'. Optional lengths are available.
- **O-ring:** Assures positive sealing against contaminants and oil leakage.

## AGENCY LISTINGS



Tested to UL 778 and CSA 22.2 108 Standards By Canadian Standards Association File #LR38549

Goolds Pumps is ISO 9001 Registered.

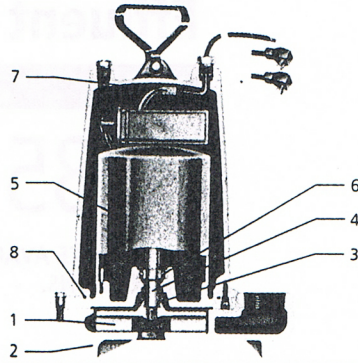


Goolds Pumps



## COMPONENTS

Item No.	Description
1	Impeller
2	Casing
3	Silicon carbide vs. silicon carbide Mechanical seal
4	Shaft
5	Motor
6	All Ball bearing heavy duty design
7	Power cable
8	O-ring



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## MODELS

Order No.	HP	Volts	Phase	Max. Amp.	RPM	Solids	Wt. (lbs.)
WE0311L	1/2	115	1	9.8	1750	3/4"	56
WE0318L		200		6.8			
WE0312L		230		4.9			
WE0311M		115		9.8			
WE0318M		200		6.8			
WE0312M		230		4.9			
WE0511H	1/2	115	3	14.5	3500	3/4"	60
WE0518H		200		8.1			
WE0512H		230		7.3			
WE0538H		200		4.1			
WE0532H		230		3.3			
WE0534H		460		1.7			
WE0511HH	1/2	115	1	14.5	3500	3/4"	60
WE0518HH		200		8.1			
WE0512HH		230		7.3			
WE0538HH		200		4.1			
WE0532HH		230		3.6			
WE0534HH		460		1.8			
WE0718H	3/4	200	1	11.0	3500	3/4"	70
WE0712H		230		10.0			
WE0738H		200		6.2			
WE0732H		230		5.4			
WE0734H		460		2.7			
WE1018H		1		200			
WE1012H	230		12.5				
WE1038H	200		8.1				
WE1032H	230		7.0				
WE1034H	460		3.5				
WE1518H	1 1/2		200	1	17.5	3500	3/4"
WE1512H		230	15.7				
WE1538H		200	10.6				
WE1532H		230	9.2				
WE1534H		460	4.6				
WE1518HH		1 1/2	200		3		
WE1512HH	230		15.7				
WE1538HH	200		10.6				
WE1532HH	230		9.2				
WE1534HH	460		4.6				
WE2012H	2		230	1		18.0	3500
WE2038H		200	12.0				
WE2032H		230	11.6				
WE2034H		460	5.8				
WE0537H	1/2	575	3	1.4	3500	3/4"	60
WE0537HH				1.5			
WE0737H	3/4	2.2	70				
WE1037H	1	2.8	80				
WE1537H	1 1/2	575	3	3.7	3500	3/4"	80
WE1537HH				3.7			
WE2037H	2	4.7	83				

## PERFORMANCE RATINGS (gallons per minute)

Order No.	WE03L	WE03M	WE05H	WE07H	WE10H	WE15H	WE05HH	WE15HH	WE20H
HP	1/3	1/3	1/2	3/4	1	1 1/2	1/2	1 1/2	2
RPM	1750	1750	3500	3500	3500	3500	3500	3500	3500
5	86	-	-	-	-	-	-	-	-
10	70	63	78	-	-	-	58	-	-
15	52	50	70	90	-	-	53	-	-
20	27	35	60	83	98	123	49	90	136
25	-	-	48	76	94	117	45	87	133
30	-	-	35	67	88	110	40	83	130
35	-	-	20	57	82	103	35	80	126
40	-	-	-	45	74	95	30	77	121
45	-	-	-	35	64	86	25	74	116
50	-	-	-	25	53	77	-	70	110
55	-	-	-	-	40	67	-	66	103
60	-	-	-	-	30	56	-	63	96
65	-	-	-	-	20	45	-	58	89
70	-	-	-	-	-	35	-	55	81
75	-	-	-	-	-	25	-	51	74
80	-	-	-	-	-	-	-	47	66
90	-	-	-	-	-	-	-	37	49
100	-	-	-	-	-	-	-	28	30

## DIMENSIONS

(All dimensions are in inches. Do not use for construction purposes.)

