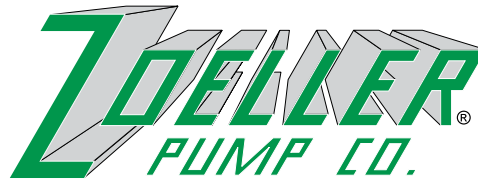


"QUALITY PUMPS SINCE 1939"



SECTION: 2.50.045

FM2190

1007

Supersedes

0105

Product information presented here reflects conditions at time of publication. Consult factory regarding discrepancies or inconsistencies.

MAIL TO: P.O. BOX 16347 • Louisville, KY 40256-0347  
SHIP TO: 3649 Cane Run Road • Louisville, KY 40211-1961  
(502) 778-2731 • 1 (800) 928-PUMP • FAX (502) 774-3624

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# THE SHARK Series

## 842 & 841 GRINDER PUMPS



### 842-841 SERIES

842 - 2 HP  
841 - 3 HP

### SINGLE DIRECTIONAL GRINDER PUMPS

#### FEATURES:

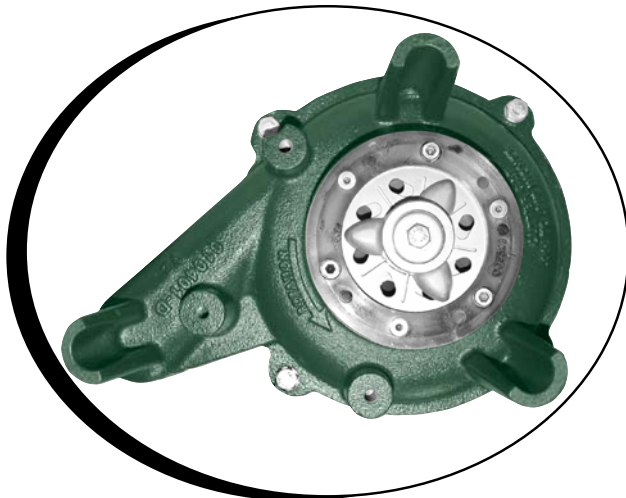
- Finned Class 30 Cast Iron Construction.
- Corrosion Resistant Powder Coated Epoxy Finish.
- Discharge Size - 1 1/4" NPT.
- 2 and 3 HP, 60 Hz, 3450 RPM.
- 20 ft. Cord Length.
- Oil-Filled - Hermetically Sealed Motor with Class F Windings.
- Hardened Stainless Steel Cutter and Disc, Rockwell C55-60.
- Cutters Protected from Abrasive Solids.
- Bronze Vortex Impeller.
- Upper and Lower Ball Bearing Construction.
- Stainless Steel Screws, Bolts, and Lifting Bail.
- Easily adapts to many existing competitors' rail systems.
- Dual mechanical seals with leak detection.
- Automatic Thermal Overload Protection (Single Phase)
- Thermal Sensor Protection (Standard on 3 Phase)
- Legs provide for free standing installation.
- Preassembled Systems Available.
- cCSAus Certified
- 135 lbs.



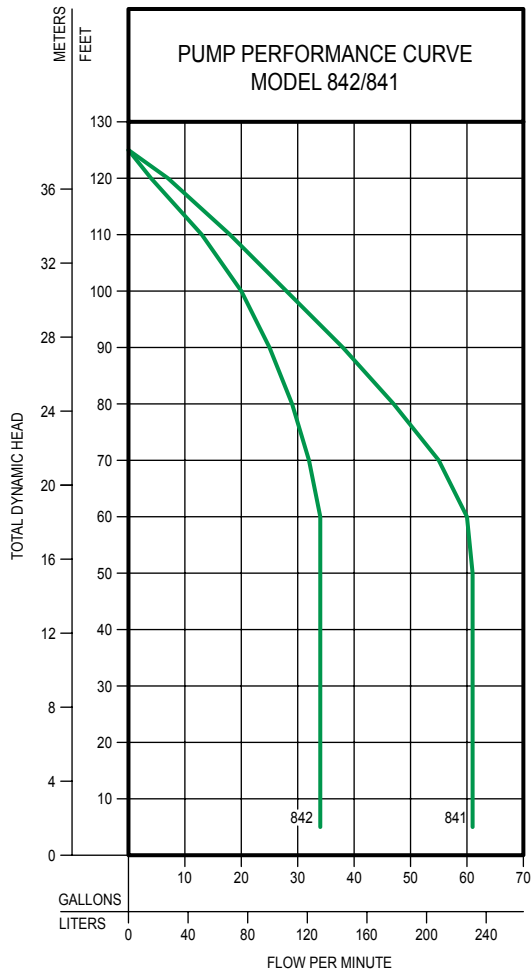
Tested to UL Standard UL778 & Certified to CSA Standard C22.2 No. 108



Non-Automatic  
Non-Reversing  
1 1/4" NPT Discharge

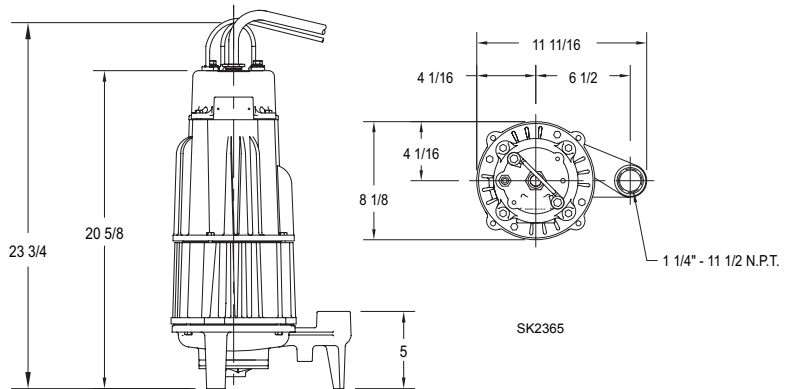


Product may not be exactly as pictured.



**TOTAL DYNAMIC HEAD/FLOW  
PER MINUTE  
SEWAGE**

MODEL		842		841	
Feet	Meters	Gal.	Liters	Gal.	Liters
5	1.5	34	129	61	231
10	3.0	34	129	61	231
20	6.1	34	129	61	231
30	9.1	34	129	61	231
40	12.2	34	129	61	231
50	15.2	34	129	61	231
60	18.3	34	129	60	227
70	21.3	32	121	55	208
80	24.4	29	110	47	178
90	27.4	25	95	38	144
100	30.5	20	76	28	106
110	33.5	13	49	18	68
120	36.6	4	15	7	26
Shut-off Head:		125 ft (38.1 m)		125 ft (38.1 m)	



**Packaged & Field Assembled Systems**  
 Refer to FM1232 for Basin Assemblies and Accessories that can be used with the model 842 or 841.

**Electrical Data and Control Panel Selections**

Models	Part Number	Volts	Phase	HP	Amps	*Start Pak	**NEMA 4X Control Panels	
							Simplex	Duplex
I842	842-0005	200	1	2	20.0	10-0380	10-1650	10-1652
E842	842-0004	230	1	2	17.2	10-0380	10-1650	10-1652
J842	842-0006	200	3	2	12.3	Not Required	10-1097	10-1125
F842	842-0007	230	3	2	10.8	Not Required	10-1097	10-1125
G842	842-0008	460	3	2	5.5	Not Required	10-1094	10-1122
BA842	842-0009	575	3	2	4.5	Not Required	10-1146	10-1168
I841	841-0005	200	1	3	20.0	10-0380	10-1650	10-1652
E841	841-0004	230	1	3	17.2	10-0380	10-1650	10-1652
J841	841-0006	200	3	3	12.3	Not Required	10-1097	10-1125
F841	841-0007	230	3	3	10.8	Not Required	10-1097	10-1125
G841	841-0008	460	3	3	5.5	Not Required	10-1094	10-1122
BA841	841-0009	575	3	3	4.5	Not Required	10-1146	10-1168

\* Capacitors and Start Relay are shipped loose for Field Installation.

\*\* Control Panels include Seal Leak Indication, Visual and Audible High Water Alarm and Dry Contacts. Single Phase Control Panels include Capacitors and Start Relay.