

140 Series

Effluent Pumps

Effluent or dewatering submersible pump for septic tank, low pressure pipe (LPP), and enhanced flow STEP systems.

Features:

- Model 140: Non-clogging, engineered thermoplastic, vortex impeller; passes 1/2" (13 mm) spherical solids
- Model 145: Engineered thermoplastic, single vane impeller; passes 3/4" (19 mm) spherical solids
- 1-1/2" NPT vertical discharge
- Upper sleeve and lower ball bearing running in bath of oil
- Operates at 130 °F (54 °C) in effluent or dewatering applications
- Carbon/ceramic mechanical shaft seals
- Available in single and double shaft seal designs

Consult factory for special applications.

100% factory tested



Trusted. Tested. Tough.™

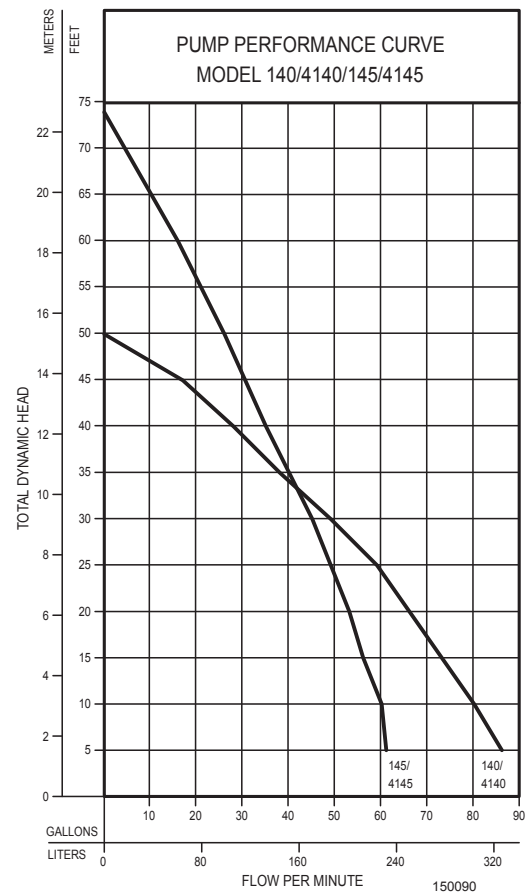
zoellerpumps.com 800-928-7867
3649 Cane Run Road, Louisville, KY 40211 USA



FM3158

PRODUCT SPECIFICATIONS

MOTOR	Horse Power	3/4 - 1
	Voltage	115 or 230
	Phase	1 Ph
	Hertz	60 Hz
	RPM	3450
	Type	Permanent split capacitor
	Insulation	Class B
	Amps	6.0 - 13.0
PUMP	Operation	Automatic or nonautomatic
	Discharge Size	1-1/2" NPT
	Solids Handling	1/2" (12 mm), 3/4" (19 mm) spherical solids
	Cord Length	20' (6 m)
	Cord Type	UL listed, neoprene cord
	Max. Head	50' (15.2 m) or 74' (22.6 m)
	Max. Flow Rate	86 GPM (326 LPM) or 61 GPM (232 LPM)
	Max. Operating Temp.	130 °F (54 °C)
	Cooling	Oil filled
	Motor Protection	Auto reset thermal overload
MATERIALS	Cap	Cast iron
	Motor Housing	Cast iron
	Pump Housing	Cast iron
	Base	Cast iron
	Upper Bearing	Sleeve bearing
	Lower Bearing	Ball bearing
	Mechanical Seals	Carbon and ceramic
	Impeller Type	Single vane (145) or non-clogging vortex (140)
	Impeller	Engineered thermoplastic
	Hardware	Stainless steel
	Motor Shaft	JIS S45C steel
	Gasket	Neoprene



TOTAL DYNAMIC HEAD FLOW PER MINUTE

MODEL		140/4140		145/4145	
Feet	Meters	Gal.	Liters	Gal.	Liters
5	1.5	86	326	61	232
10	3.0	80	303	60	228
15	4.6	73	276	56	213
20	6.1	66	250	53	201
25	7.6	59	223	49	186
30	9.1	49	185	45	171
40	12.2	28	106	35	133
50	15.2	--	--	26	99
60	18.3	--	--	16	61
Shut-off Head:		50 ft.(15.2m)		74 ft.(22.6m)	

