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8/16/2011  
0809  
Supersedes  
0808

**TECHNICAL DATA  
MODEL IGF 32-9  
BJM SUBMERSIBLE PUMP**

**GENERAL DATA**

MAX. FLOW: GPM (L/min)	46 GPM (174 L/min)
MAX. HEAD: ft (m)	27' (8.2 m)
MAX. SUBMERSION DEPTH: ft (m)	33' (10 m) or limited to length of power cord
PUMP TYPE	TOP or SIDE DISCHARGE, CHEMICAL RESISTANT
STRAINER OPENING	0.25" (6.35 mm)
PUMP DOWN WATER LEVEL: in (mm)	1.5" (38 mm)
IMPELLER DIAMETER: in (mm)	3.15" (80 mm)
DISCHARGE CONNECTION	1 1/4" NPT-FEMALE or 1 1/2" TAPERED HOSE
PUMP NET WEIGHT: lbs (kg)	13.5 lbs (6.2 kg)
SHIPPING WEIGHT: lbs (kg)	17 lbs (7.7 kg)

**CONSTRUCTION/MATERIAL DATA**

LIP SEAL - UPPER	FKM (fluoroelastomer)
LIP SEAL - LOWER	FKM (fluoroelastomer)
O-RINGS	BUNA-N
O-RINGS - MOTOR HOUSING	BUNA-N
PUMP TOP COVER	Ultramid B3 WG 7
PUMP HANDLE	PP (Polypropylene)
PUMP CASING	NORYL GTX830 with 30% glass reinforcement
IMPELLER - MULTI VANE	NORYL GTX830
SUCTION COVER PLATE	NORYL GTX830
STRAINER	PPO-PA (Polyphenylene Oxide)
FLOAT	Float Switch Body - Hostalen PPH 7350 FL (polypropylene basis) Float Switch Cord - Neoprene
ROTOR SHAFT	316 SS
EXTERNAL HARDWARE	316 SS
QTY. OIL IN MOTOR	15 U.S. FL. OZ. (443 C.C.)
BALL BEARING: PERM. LUBE. UPPER	6001
BALL BEARING: PERM. LUBE. LOWER	6002

**ELECTRICAL /MOTOR DATA**

MOTOR: TYPE, RATING HP	SUBMERSIBLE, 0.4
MOTOR RPM	3450
MOTOR INSULATION CLASS	F
MOTOR SERVICE FACTOR	1.1
VOLTAGE <sup>1</sup>	115, 1 PH, 60 Hz
CURRENT F.L.A.	5
MOTOR PROTECTION	THERMAL BREAKER, 150°C (302°F)
POWER CORD: GAGE; LENGTH	A.W.G. 16/3; 22' (6.7m), SJOOW (Neoprene)
MAXIMUM LIQUID TEMPERATURE	135°F (57°C) - Continuous duty 195°F (90°C) - Intermittent use submerge less than 20 minutes
LEVEL CONTROL FLOAT SWITCH	STANDARD

1- Available in other voltages (and in 50 Hz).

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REFER TO REVERSE SIDE FOR PUMP PERFORMANCE CURVES  
SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



## PERFECTA SERIES

