

TECHNICAL DATA
MODEL LWA55
LIGHT WEIGHT AGITATOR DEWATERING PUMP—CHROME IRON / DUCTILE IRON

GENERAL DATA

MAX. FLOW: GPM (L/min)	494 GPM (1869 L/min)
MAX. HEAD: ft (m)	88' (27 m)
PUMP TYPE	TOP DISCHARGE, DEWATERING, AGITATOR
SOLID SIZE: in (mm)	0.4" (11 mm)
MAX. SUBMERSION DEPTH: ft (m)	65' (20m) or limited to length of power cord, Consult factory for deeper depths
MIN. SUBMERSION DEPTH: ft (m)	7.9" (200 mm)
DISCHARGE SIZE	4" NPT
PUMP WEIGHT, without cable: lbs (kg)	172 lbs. (78 kg)
SHIP WEIGHT: lbs (kg)	227 lbs. (103 kg)

CONSTRUCTION / MATERIAL DATA

MECHANICAL SEAL - UPPER	CARBON/CERAMIC
MECHANICAL SEAL - LOWER	SILICON CARBIDE/SILICON CARBIDE
MOTOR HOUSING	304 SS
PUMP VOLUTE	HARDENED DUCTILE IRON, 301 BHN
SUCTION COVER	CAST IRON, 223 BHN
WEAR PLATE	HIGH CHROME, 653 BHN
AGITATOR	HARDENED DUCTILE IRON, 477 BHN
IMPELLER	HIGH CHROME, 653 BHN
STRAINER/STAND	STEEL
LIP SEALS & O-RINGS	BUNA-N
ROTOR SHAFT	304 SS
EXTERNAL HARDWARE	304 SS

ELECTRICAL / MOTOR DATA

MOTOR: TYPE, RATING HP	SUBMERSIBLE, 7.5 (CONTINUOUS DUTY)		
MOTOR RPM	3450		
MOTOR INSULATION CLASS	F		
MOTOR SERVICE FACTOR	1.15		
VOLTAGE - 3 PH, 60 Hz	230V	460V	575V
CURRENT F.L.A.	18.7	9.3	7.4
MOTOR PROTECTION	OVERLOAD REQUIRED IN CONTROL		
POWER CORD: GAGE; LENGTH; TYPE	A.W.G. 10/5; 50' (15 m); SOOW(EPR JACKET)		
MAXIMUM LIQUID TEMPERATURE	104°F (40°C)		

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