

CUST. FILE#: 2034001501-(XM-GA01)-E105716880-01

NOTES: UNLESS OTHERWISE SPECIFIED

1. DIMENSIONS AND TOLERANCES AS PER ASME Y14.5M-1994.
2. * INDICATES DIMENSIONS AND/OR FEATURES MODIFIED ON CURRENT REVISION LEVEL.
3. DIMENSIONS REFLECT STANDARD MFG TOLERANCES.
4. WEIGHTS ARE APPROXIMATE AND MAY VARY BASED ON MANUFACTURER'S MATERIALS AND PUMP CONFIGURATION.
5. THIS PUMP MAY HAVE TAPPED HOLES IN THE DISCHARGE FLANGE PER ASME B73.1.

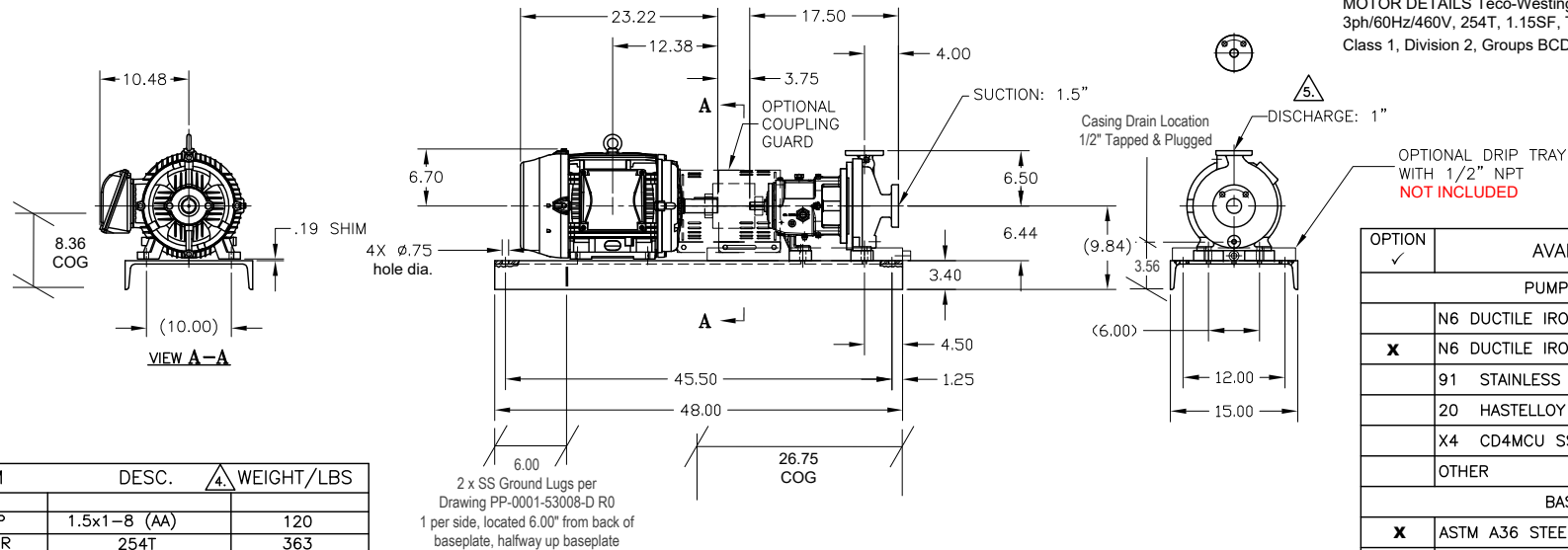
REV.	DESCRIPTION	BY	CHK.	APP.	DATE
A	RELEASED INTO PRODUCTION SEE ECN #G00994	-	-	-	-

CUSTOMER Evoqua Water Technologies Canada Ltd.
 END USER World Energy
 PO NUMBER 4500021987
 SERIAL NO tbd
 ITEM NO 19-P-061A, 19-P-061B
 SERVICE EFF Pumps

LIQUID Water, Waste - Temp. 90-110 deg F,
 SP.GR 1.00, Viscosity 1.0 cP, pH: 6.0 - 9.0

CAPACITY 125.0 USGPM MAWP 250.0 psig @ 100 deg F
 HEAD 152.0 ft MDMT -20 deg F

MOTOR DETAILS Teco-Westinghouse 15.0 HP, 3600 RPM
 3ph/60Hz/460V, 254T, 1.15SF, TEFC, IEEE841, VFD suitable
 Class 1, Division 2, Groups BCD, T3C



ITEM	DESC.	WEIGHT/LBS
PUMP	1.5x1-8 (AA)	120
MOTOR	254T	363
BASEPLATE	148	136
GUARD	COUPLING	8

FLANGE OPTION DIMENSIONS

OPTION	NOMINAL PIPE SIZE	FLANGE DIAMETER	BOLT CIRCLE DIAMETER	NO. OF BOLTS	DIAMETER OF BOLTS	BOLT HOLE	FLANGE
X	1" ASME 150# (SHOWN) (THD)						DISCHARGE
	1.00	4.25	3.12	4	0.50	.500-13 UNC-2B	
	1.5" ASME 150# (SHOWN)						SUCTION
	1.50	5.00	3.88	4	0.50	0.63	
	1" ASME 300# (THD)						DISCHARGE
	1.00	4.88	3.50	4	0.63	.625-11 UNC-2B	
	1.5" ASME 300#						SUCTION
	1.50	6.12	4.50	4	0.75	0.88	
	25 mm DIN PN16 (THD)						DISCHARGE
	25 mm	115 mm	85 mm	4	12 mm	M12 x 1.75-6H	
	40 mm DIN PN16						SUCTION
	40 mm	150 mm	110 mm	4	16 mm	19 mm	

CERTIFIED FOR CONSTRUCTION

ONLY WHEN SIGNED

Signature  Date 28-Jan-2022
 Customer World Energy c/o Evoqua Water Technologies
 Customer P.O. # 4500021987

DO NOT SCALE DRAWING UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:	
DECIMALS .XX ± -	
.XXX ± -	
ANGLES ± -	
SCALE -	SHEET 1 OF 1

OPTION	AVAILABLE OPTIONS
PUMP MATERIAL	
	N6 DUCTILE IRON
X	N6 DUCTILE IRON CASE / CD4MCU IMPELLER
	91 STAINLESS STEEL
	20 HASTELLOY
	X4 CD4MCU SS
	OTHER
BASEPLATE	
X	ASTM A36 STEEL
	STAINLESS STEEL
	COMPOSITE CONSTRUCTION
DRIP PAN	
	ASTM A36 STEEL
	STAINLESS STEEL
COUPLING GUARD	
X	CARBON STEEL
	STAINLESS STEEL
	ALUMINUM
FLANGE FACE	
X	FLAT FACE
	RAISED FACE



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TITLE 1.5x1-8 (AA) 148 BASE, 254T MTR, SM PF			
DRAWN BY	Srikanth	DATE	11/03/16
CHECKED BY	R.Schwartz	DATE	12/09/16
APPROVED BY	R.Beach	DATE	12/09/16
DRAWING NO.		REV.	
LGO815		D	