## **ULTRACHEM® SERIES DIMENSIONAL DRAWINGS**

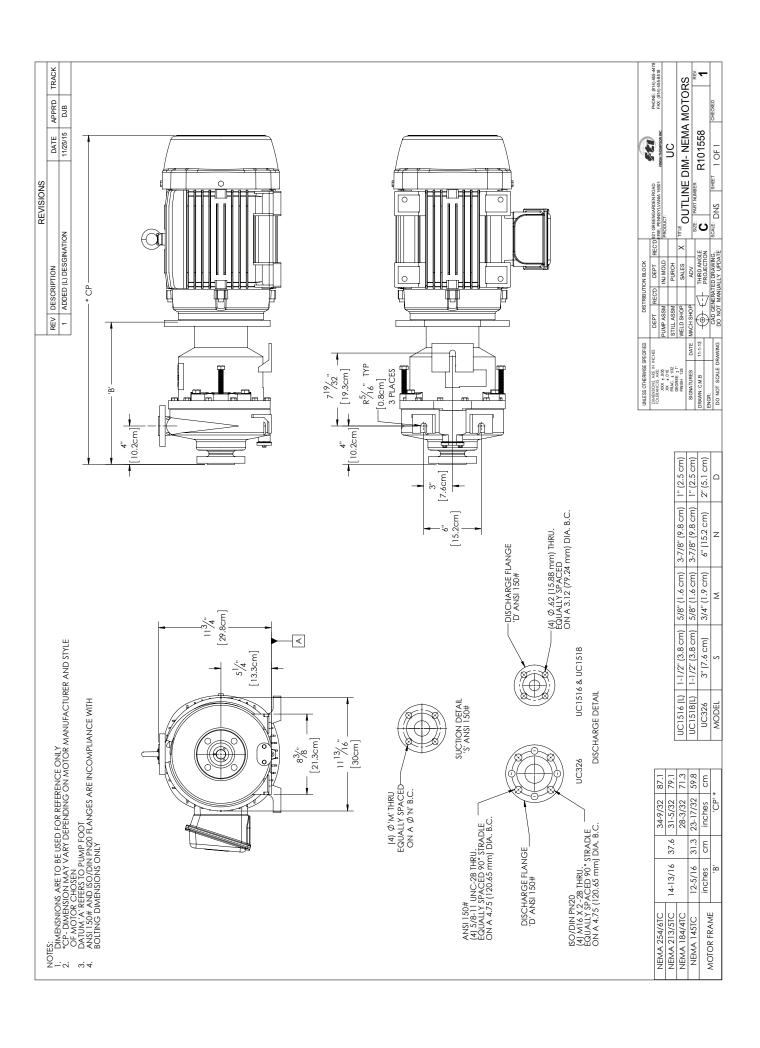


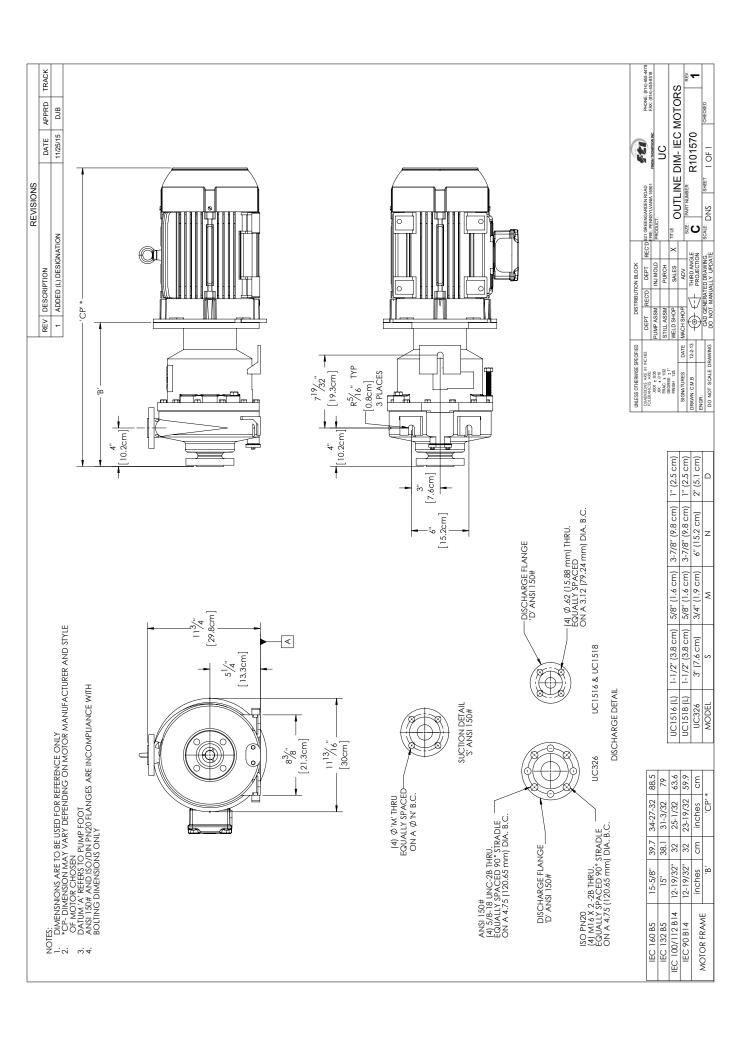


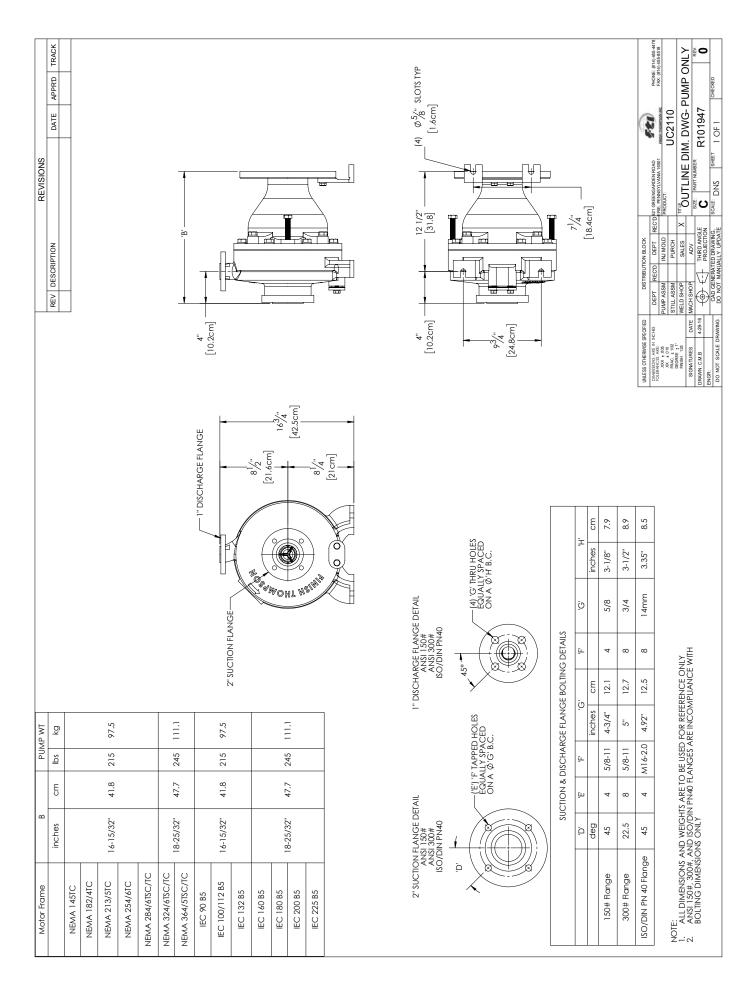


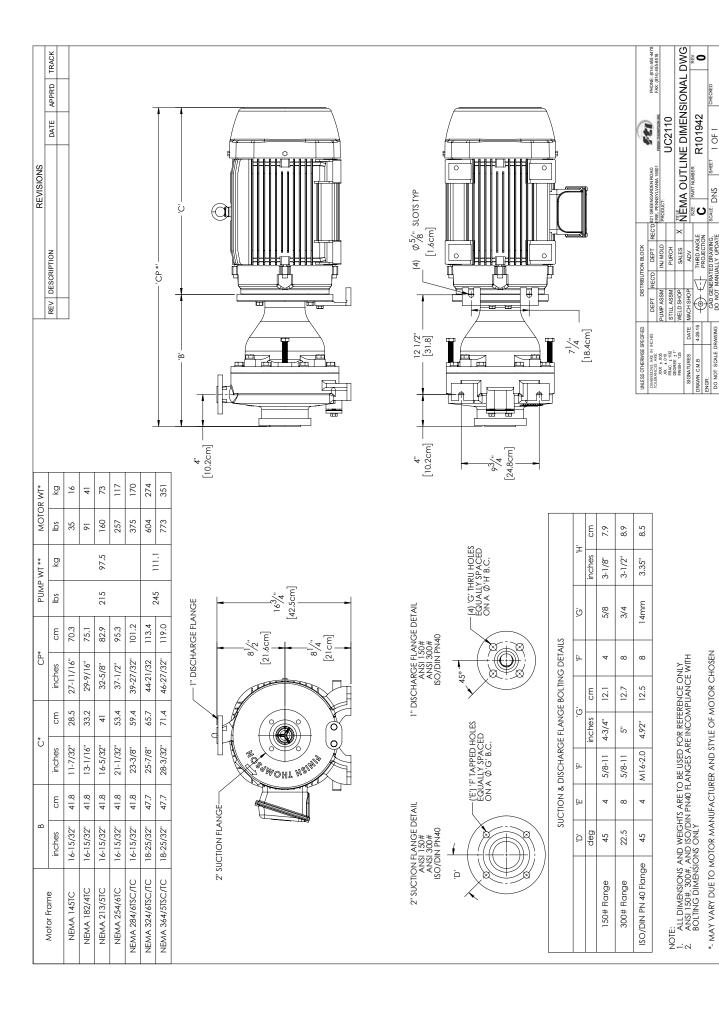




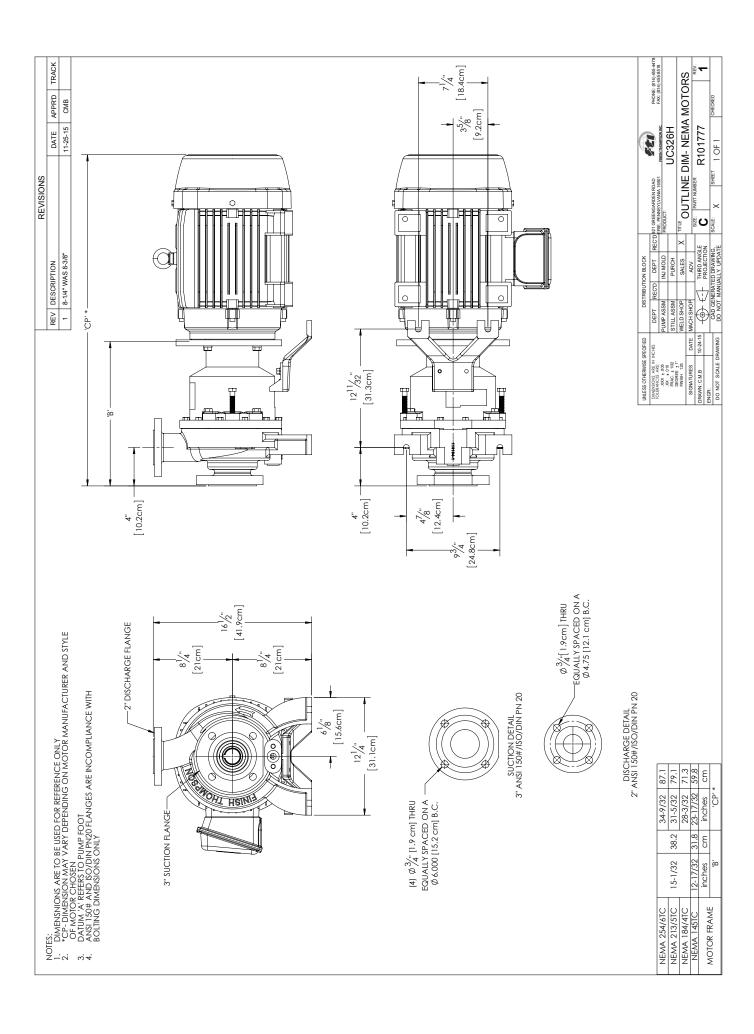


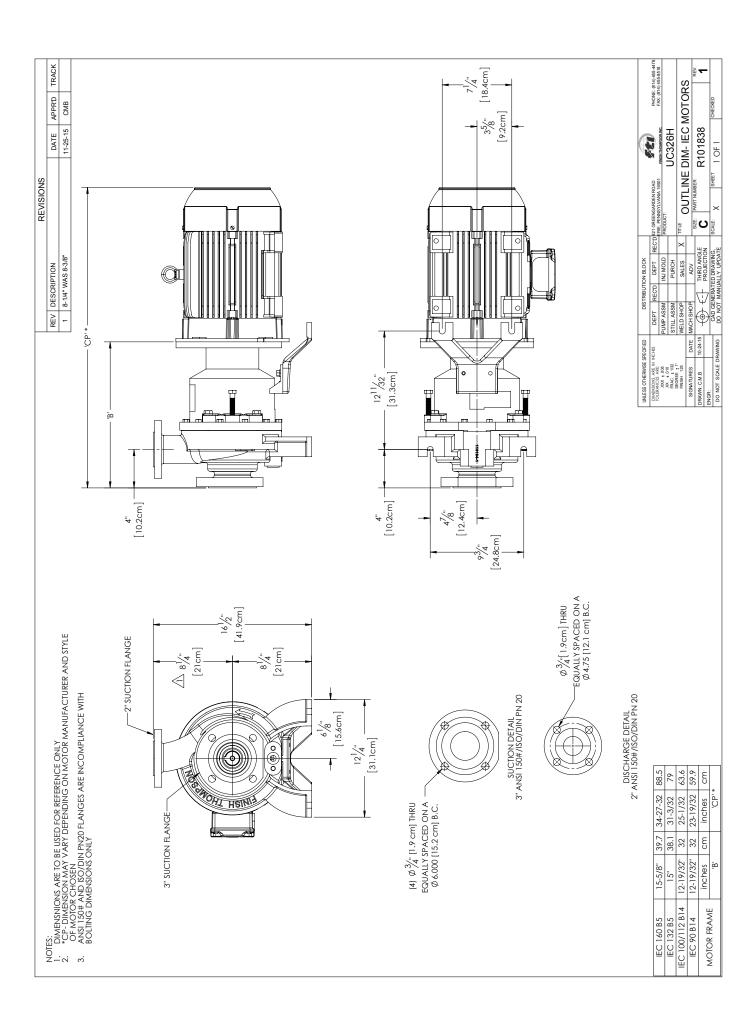


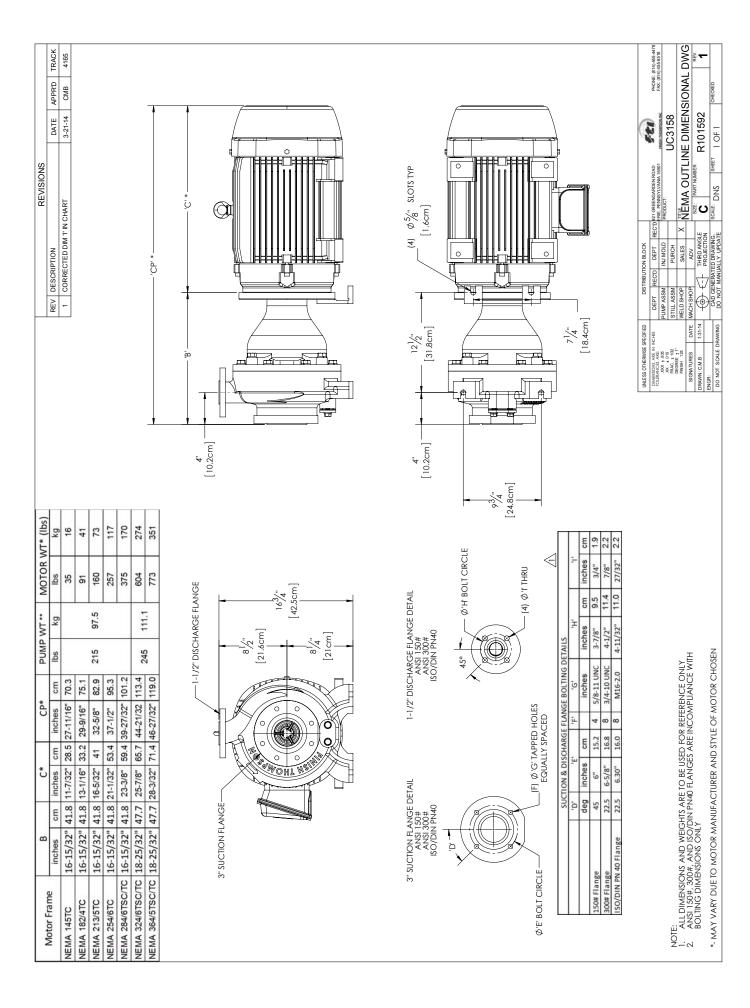




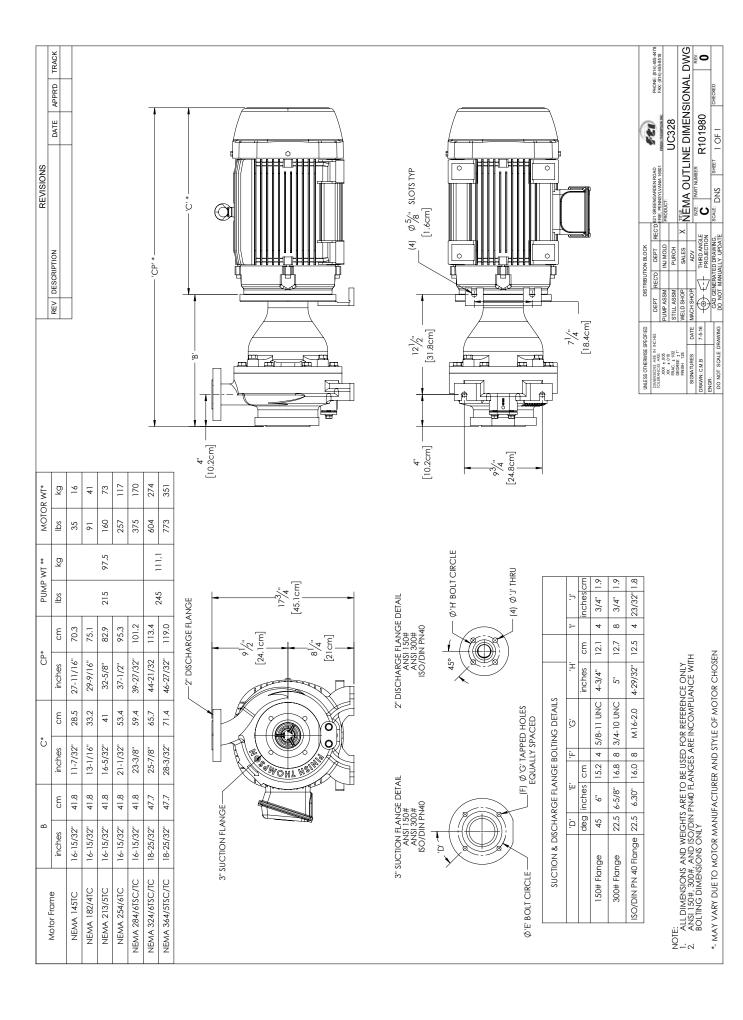
[10.2cm]  REV DESCRIPTION  REV DATE APPRO TRACK  TO "C"  CP "  CP	[10.2cm]	UNLESS OTHERWISE SPECFEE DESTRBUTION BLOCK  DEPT RECUP DET RECUP D
Motor Frame B C° CP* PUMP WT MOTOR WT* Inches cm inches constant	1" DISCHARGE FLANGE DETAIL	300# Hange 22.5 8 5/8-11 5 12.7 8 3/4 3-1/2 8.9  ISO/DIN PN 40 Flange 45 4 M16-2.0 4.92" 12.5 8 14mm 3.35" 8.5  NOTE: 1. ANSI 150# 300# AND ISO/DIN PN 40 FLANGES ARE INCOMPLIANCE WITH BOLTING DIMENSIONS ONLY*  *- MAY VARY DUE TO MOTOR MANUFACTURER AND STYLE OF MOTOR CHOSEN

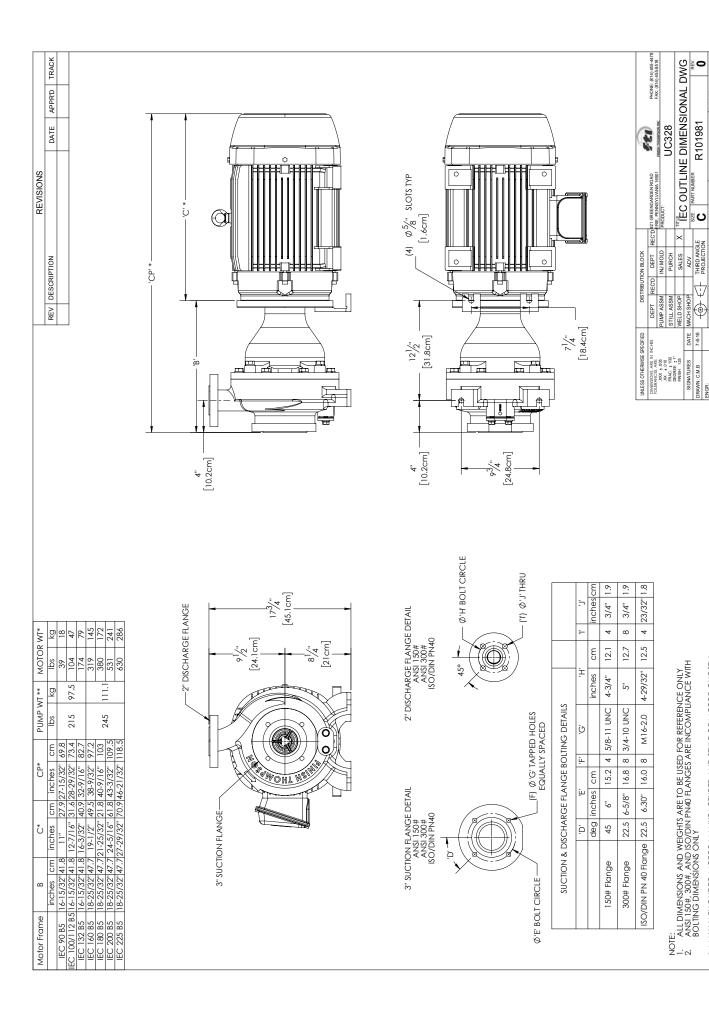






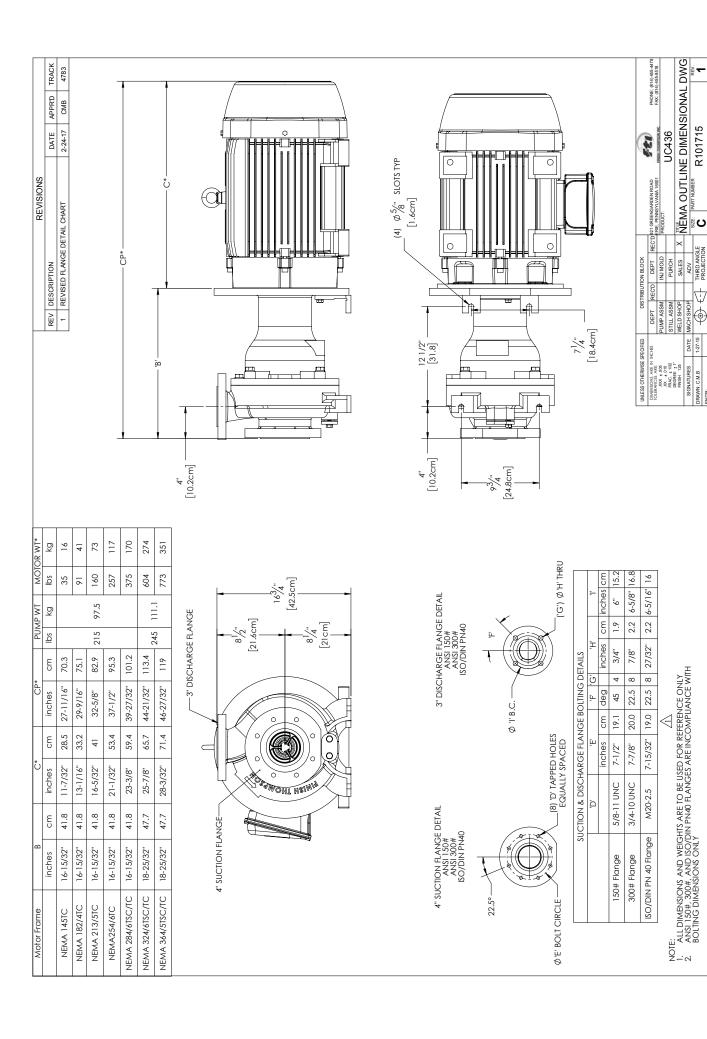
REV   DESCRIPTION   REV   STATE   APPRD   TRACK     CORRECTED DIM T'IN CHART   3-21-14   CMB   4165	[10.2cm]	[10.2cm] [31.8cm] [1.6cm] [1.6cm] [1.6cm] [1.8cm] [1.8	UNLESS OTHERWISE SECPED   DEPT   RECO.   DEPT   DEP
Motor Frame inches         C*         CP*         CP*         PUMP WT**         MOTOR WT* (lbs)           EC 90 B5         16-15/32"         41.8         11"         27.9         27-15/32"         69.8         18         18           IEC 100/112 B5         16-15/32"         41.8         12-71/6"         31.6         28-29/32"         73.4         215         97.5         104         47           IEC 132 B5         16-15/32"         41.8         16-3/32"         40.9         32-9/16"         82.7         174         79           IEC 160 B5         18-25/32"         47.7         19-1/2"         49.5         38-9/32"         97.2         174         79           IEC 200 B5         18-25/32"         47.7         21-25/32"         21.8         40-9/16"         109.5         445         111.1         380         172           IEC 225 B5         18-25/32"         47.7         21-25/32"         70.9         46-21/32"         118.5         630         286	3" SUCTION FLANGE  3" SUCTION FLANGE  1-1/2" DISCHARGE FLANGE  8 1/2"  16 3/4  [21 ccm]  16 3/4  [22 ccm]	3" SUCTION FLANCE DETAIL  1-1/2" DISCHARGE FLANGE DETAIL  ANSI 150# ANSI 300# SO/DIN PN40   45°  ANSI 300# SO/DIN PN40   45°  ANSI 300# SO/DIN PN40  ANSI 300# SO/DIN PN40  ANSI 300# SO/DIN PN40  SUCTION & DISCHARGE FLANGE BOLT CIRCLE  SUCTION & DISCHARGE FLANGE BOLTING DETAILS  150# Flange  45° 300# Flange  45° 300# Flange  45° 300# Flange  45° 300# BOLT CIRCLE  ANSI 300# SO/DIN PN40  ANSI 300# SO/DIN PN40  ANSI 300# SO/DIN PN40  ANSI 300# SO/DIN PN40 SO/DIN SO/DIN SO/DIN SO/SO/SO/SO/SO/SO/SO/	NOTE: 1. ALL DIMENSIONS AND WEIGHTS ARE TO BE USED FOR REFERENCE ONLY 2. ANSI 15G#, 300#, AND ISO/DIN PN40 FLANGES ARE INCOMPLIANCE WITH BOLTING DIMENSIONS ONLY *- MAY VARY DUE TO MOTOR MANUFACTURER AND STYLE OF MOTOR CHOSEN





SCALE: DNS SHEET 1 OF 1

NOT SCALE DRAWING



SCALE: DNS SHEET 1 OF 1

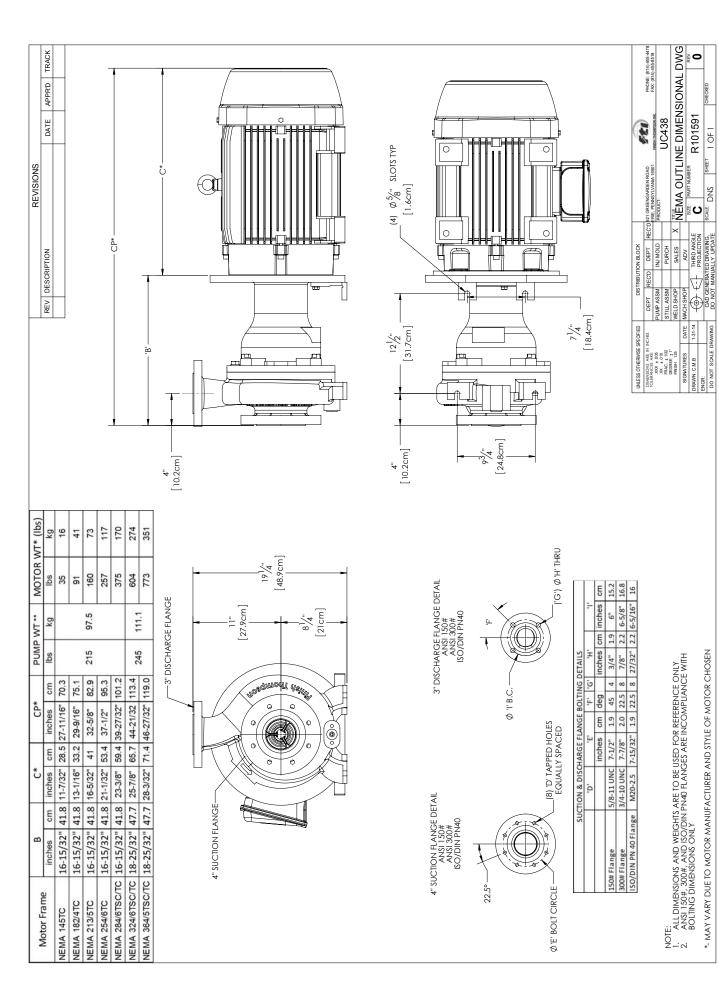
ENGR: DO NOT SCALE DRAWING

Motor Frame	8		*		* Ob*		βL		OTOR	REVISIONS	1 +	
	inches	cm	inches	сш	inches	CB CB	sql	kg		DATE	APPR'D TRACK	성
IEC 90 B5	16-15/32"	41.8	11"	27.9	27-15/32"	8.69		39		17.7 1 REVISED FLANGE DETAIL CHART 2-24-17	CMB 4783	g
IEC 100/112 B5	16-15/32"	41.8	12-7/16"	31.6	28-29/32"	73.4	215 9	97.5 104		47.2		
IEC 132 B5	16-15/32"	41.8	16-3/32"	40.9	32-9/16"	82.7		174		78.9		
IEC 160 B5	18-25/32"	47.7	19-1/2"	49.5	38-9/32"	97.2		319		144.7		
IEC 180 B5	18-25/32"	47.7	21-25/32"	21.8	40-9/16"	103	745	380		172.4 ► CP*	1	
IEC 200 B5	18-25/32"	47.7	24-5/16"	61.8	43-3/32"	109.5		531		240.9		
IEC 225 B5	18-25/32"	47.7	27-29/32"	70.9	46-21/32"	118.5	-	930				
						-3" DISCHARGE	ARGE FI	FLANGE		[10.2cm]	1	
	4" SUCTION FLANGE.	ON FLANG					8 <sup>1</sup> / <sub></sub>		1			
			MOHT HEIMIN				8 [21cm]	16 <sup>3</sup> / <sub>4</sub> [42.5cm]	4 c			
										[10.2cm] $^{4"}$ [31.7cm] $^{12}$ / $^{3}$ [10.4cm]		
,	4" SUCTION FLANGE DETAIL ANSI 150# ANSI 300# ISO/DIN PN40	-ANGE DI 150# 300# N PN40	ETAIL		Fo	3" DISCHARGE FLANGE DETAIL ANSI 150# ANSI 300# ISO/DIN PN40	SE FLA) 4SI 1504 4SI 3004 'DIN PN	VGE DETA	丰			
22.	22.5°					' \	<u>i</u>	<u> </u>		23,4		
	8 0 0							<i></i>				
Ø'E' BOLT CIRCLE			(8) 'D' TAPPED HOLES  EQUALLY SPACED	PPED HO Y SPACE	LES Ø 1' B.C.	B.C.		[G]	('G') Ø'H' THRU			
		SUCTION	1 & DISCHAF	RGE FLAN	197	3 DETAILS						
			+	inches	deg	inche		inches	E C	[18.4cm]		
30   15	150# Flange 300# Flange	3/4-	5/8-11 UNC 3/4-10 UNC	7-1/2"	19.1 45	8 7/8"	1.9	6-5/8"	15.2			
ISO/DII	ISO/DIN PN 40 Flange		+	7-15/32"		00	+	6-5/16" 16	16	10	Targett . Base .	
			1			2	$\dashv$	,	2	Neckooks, Age in locates Deep Recognization Deep Processing Activities The Neckooks Age in Include Activities The Neckooks Age in Inclu	PHONE: (814) 455-4478 FAX: (814) 455-8518	5.4478

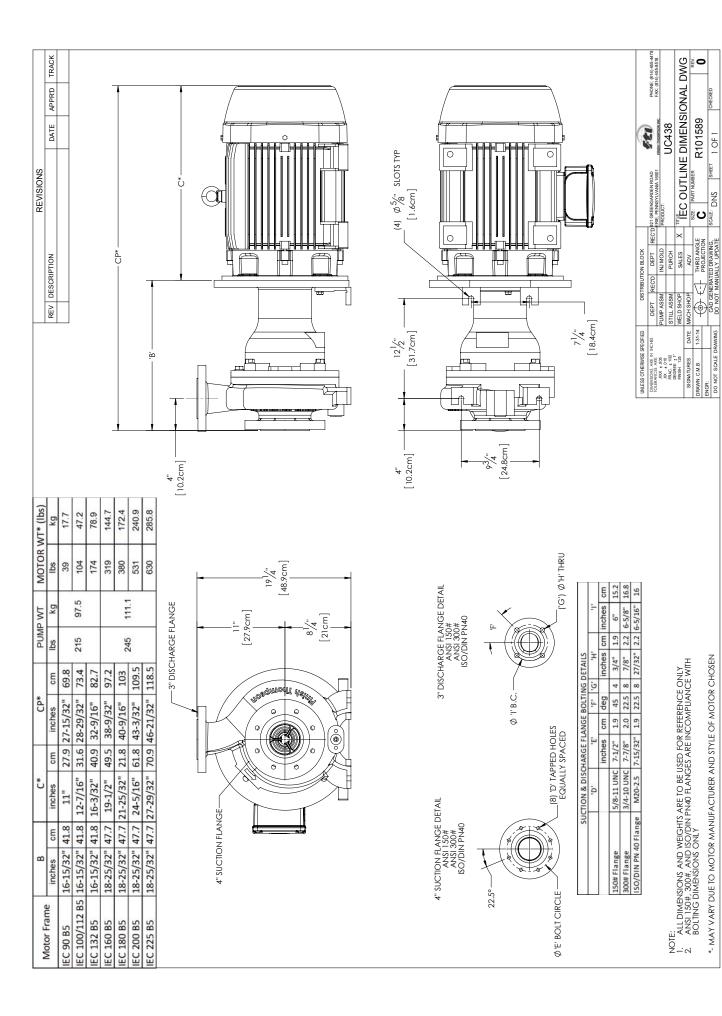
| DEPT | RECTO | DEPT | DEPT | DEPT | RECTO | DEPT | DE

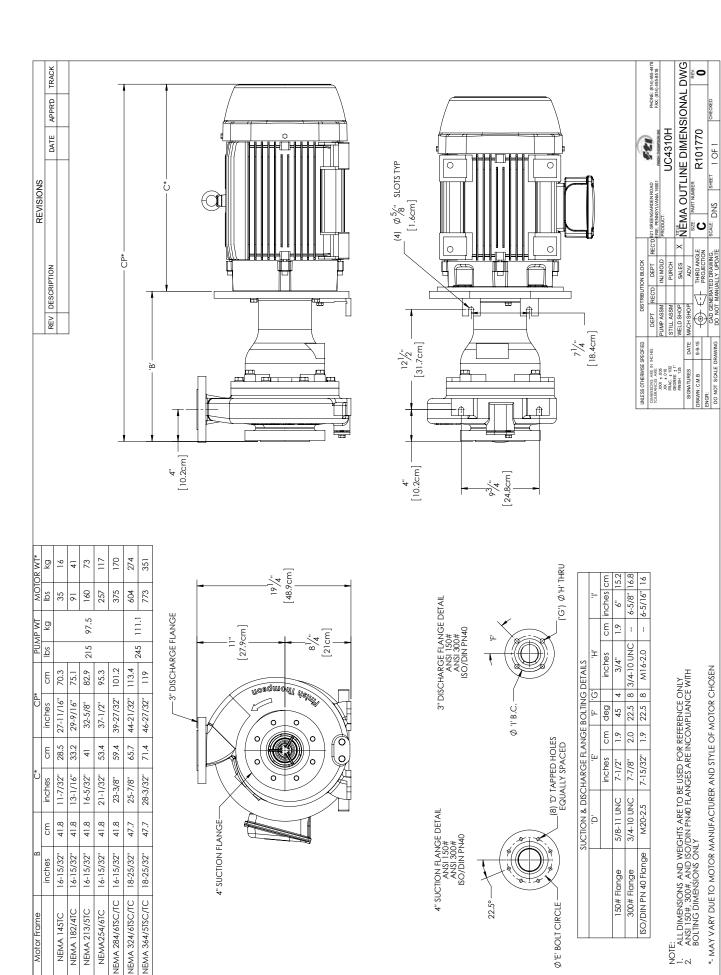
\*- MAY VARY DUE TO MOTOR MANUFACTURER AND STYLE OF MOTOR CHOSEN

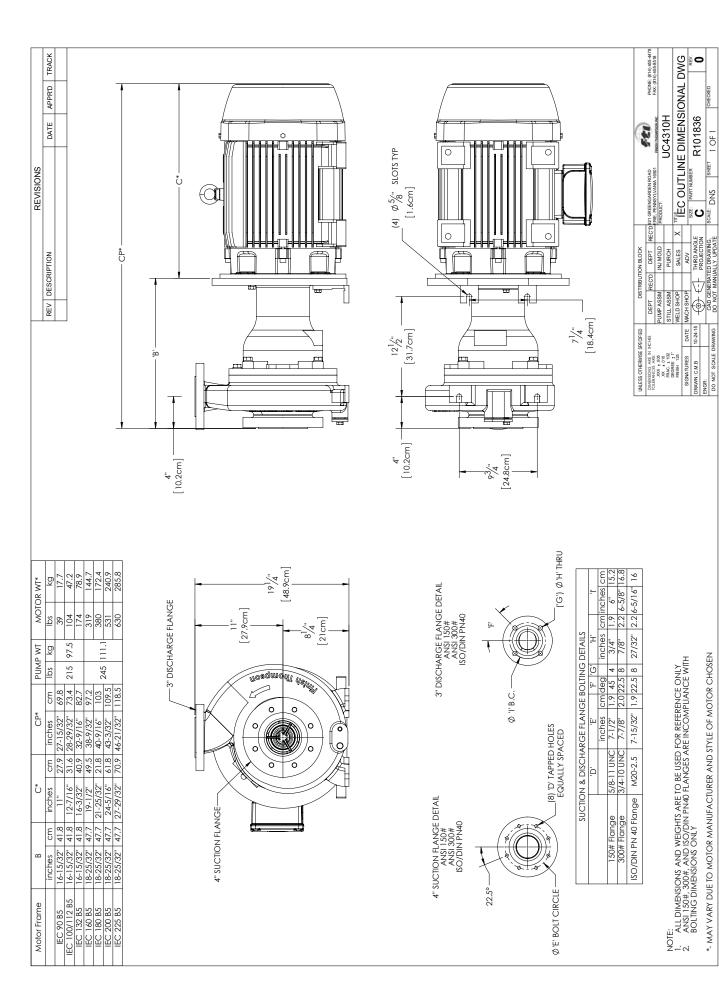
NOTE:
1. ALL DIMENSIONS AND WEIGHTS ARE TO BE USED FOR REFERENCE ONLY
2. ANSI 150#, 300#, AND 1SO/DIN PN40 FLANGES ARE INCOMPLIANCE WITH
BOLTING DIMENSIONS ONLY

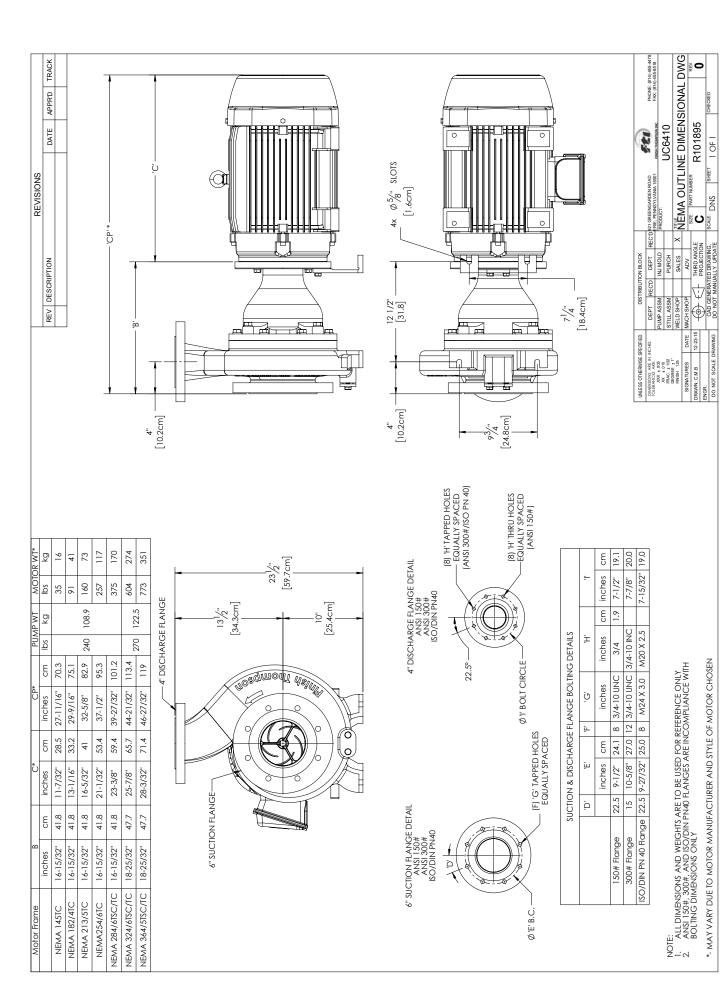


ENGR: DO NOT SCALE DRAWING

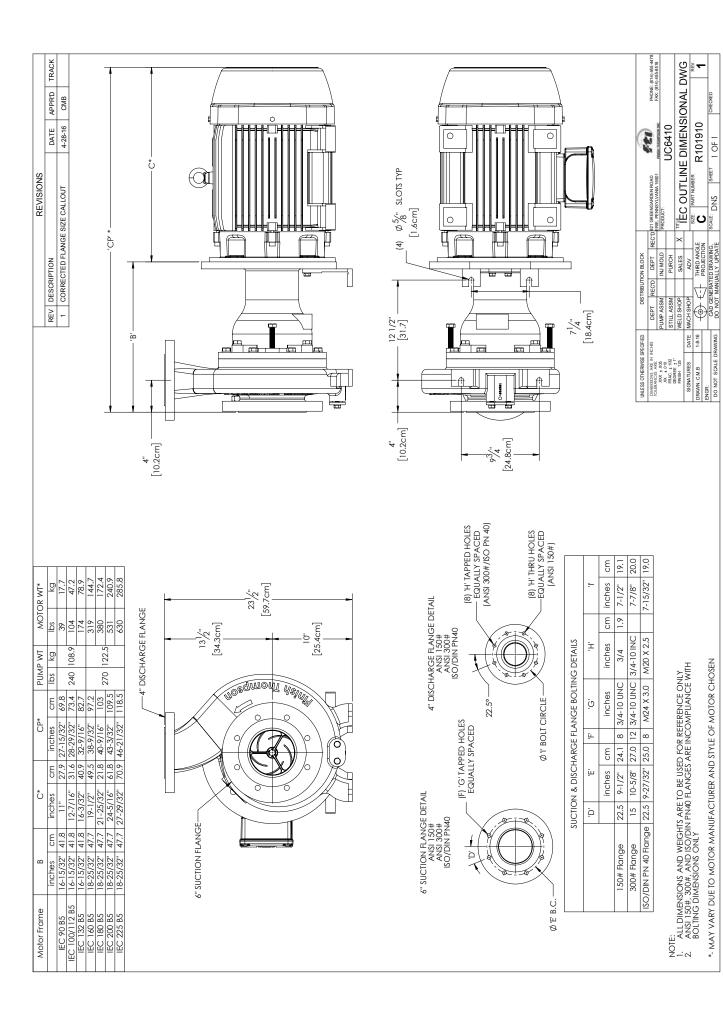








ENGR: DO NOT SCALE DRAWING



ENGR: DO NOT SCALE DRAWING