

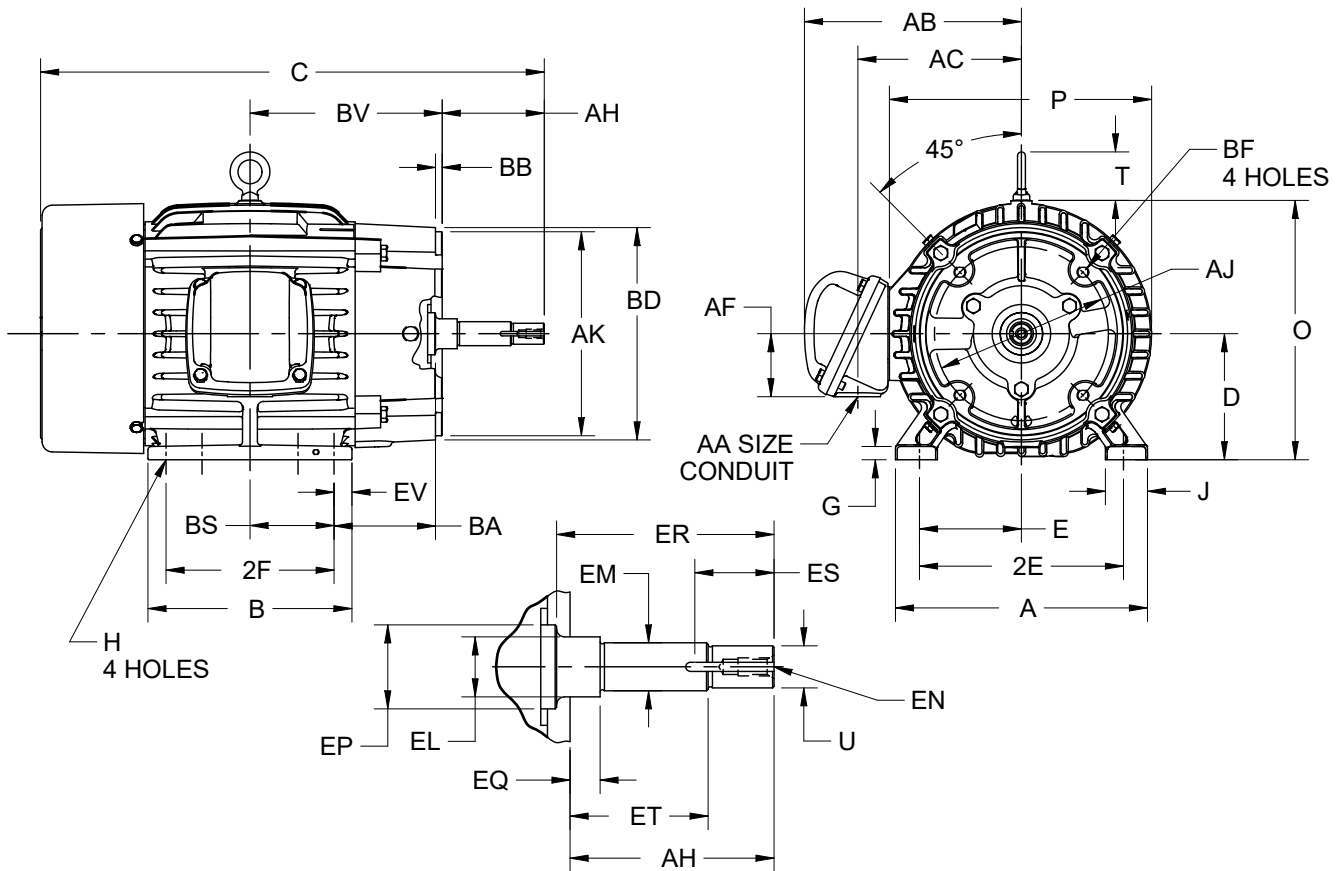
EFFECTIVE:  
02-JUN-20

SUPERSEDES:  
03-AUG-16

**DIMENSION PRINT**  
HAZARDOUS LOCATION- CLOSE COUPLED PUMP  
FRAME: 213, 215JM  
BASIC TYPE: L4

PRINT:  
07-2902

SHEET:  
1 OF 1



ALL DIMENSIONS ARE IN INCHES AND MILLIMETERS

UNITS	A	B	C	D -.06	E	2E ±.03	G	H +.05	J	O	P <sup>2</sup>
IN	10.50	8.50	21.00	5.25	4.25	8.50	.50	.41	1.75	10.81	10.94
MM	267	216	533	133	108	216	13	10	44	275	278

UNITS	T	U -.0005	AA	AB	AC	AF	AH ±.031	AJ	AK -.003	BA	BB MIN
IN	2.03	.8745	1 NPT	9.06	6.81	2.63	4.250	7.250	8.500	4.19	.25
MM	52	22.225		230	173	67	107.95	184.15	215.90	106	6

UNITS	BD MAX	BF <sup>6</sup>	BS	BV	EL -.002	EM -.0005	EN <sup>6</sup>	EP MIN	EQ ±.015
IN	9.00	1/2-13 X .75	3.50	8.00	1.250	1.0000	3/8-16 X .75	1.75	.625
MM	229		89	203	31.75	25.400		44	15.88

UNITS	ER MIN	ES MIN	ET ±.015	EV	SQ KEY
IN	4.53	1.65	2.875	.75	.188
MM	115	42	73.03	19	4.78

TOLERANCES	
FACE RUNOUT	.004 TIR
PERMISSIBLE ECCENTRICITY OF MOUNTING RABBIT	.004 TIR
PERMISSIBLE SHAFT RUNOUT	.002 TIR

FRAME	UNITS	2F ±.03
213JM	IN	5.50
	MM	140
215JM	IN	7.00
	MM	178

- ALL ROUGH CASTING DIMENSIONS MAY VARY BY .25" DUE TO CASTING AND/OR FABRICATION VARIATIONS.
- LARGEST MOTOR WIDTH.
- TOLERANCES SHOWN ARE IN INCHES ONLY.
- STANDARD ASSEMBLY POSITION F-1 IS SHOWN F-2 IS PROVIDED WHEN SPECIFIED. CONDUIT OPENINGS MAY BE LOCATED IN STEPS OF 90 DEGREES REGARDLESS OF LOCATION. STANDARD AS SHOWN WITH CONDUIT OPENING DOWN.
- ALL TAPPED HOLES ARE UNIFIED NATIONAL COARSE, RIGHT HAND THREAD.
- TAP SIZE AND BOLT PENETRATION ALLOWANCE.

07-2902/F

**Nidec Motor Corporation**  
St. Louis, Missouri

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