

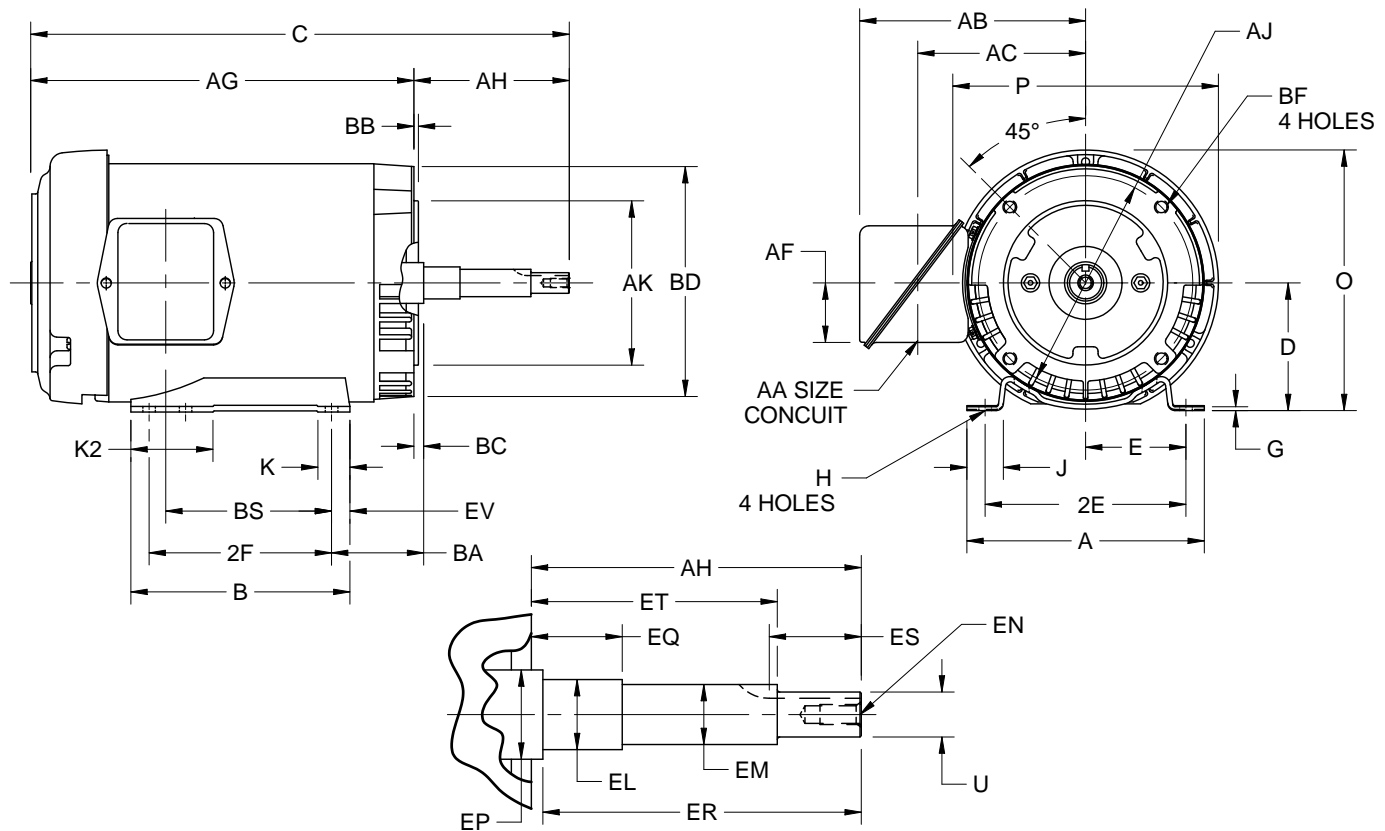
EFFECTIVE:  
**20-MAR-14**

**DIMENSION PRINT**  
TEFC - CLOSE COUPLED PUMP  
FRAME: 143, 145JP  
BASIC TYPE: UT-1

PRINT:  
**07-1850**

SUPERSEDES:  
**14-MAR-14**

SHEET:  
**1 OF 1**



ALL DIMENSIONS ARE IN INCHES AND MILLIMETERS

UNITS	A	B	C	D -.06	E	2E ±.03	G	H	J	K	K2	O
IN	6.50	6.00	17.31	3.50	2.75	5.50	.13	.34	.88	.88	1.88	7.19
MM	165	152	440	89	70	140	3	9	22	22	48	183

UNITS	P <sup>2</sup>	U -.0005	AA	AB	AC	AF	AG	AH ±.031	AJ	AK -.003	BA	BB -.06
IN	7.31	.8745	.75	6.13	4.50	1.59	10.00	7.31	5.875	4.500	2.75	.13
MM	186	22.212		156	114	40	254	186	149.23	114.30	70	3

UNITS	BC	BD MAX	BF <sup>4</sup>	BS	EL -.002	EM -.0005	EN <sup>4</sup>	EP MIN	EQ ±.015	ER MIN	ES MIN	ET ±.015
IN	.13	6.63	3/8-16X.75	3.25	1.156	1.0000	3/8-16X.75	1.16	1.563	7.31	1.65	5.938
MM	3	168		83	29.36	25.400		29	39.70	186	42	150.83

UNITS	EV	SQ KEY
IN	.50	.188
MM	13	4.78

FRAME	UNITS	2F ±.03
143JP	IN	4.00
	MM	102
145JP	IN	5.00
	MM	127

- ALL ROUGH DIMENSIONS MAY VARY BY .25" DUE TO CASTING AND/OR FABRICATION VARIATIONS.
- LARGEST MOTOR WIDTH.
- CONDUIT BOX MAY BE LOCATED ON EITHER SIDE. CONDUIT OPENINGS MAY BE LOCATED IN STEPS OF 180° REGARDLESS OF LOCATION. STANDARD AS SHOWN WITH CONDUIT OPENING DOWN.
- TAP SIZE AND BOLT PENETRATION ALLOWANCE.
- ALL TAPPED HOLES ARE UNIFIED NATIONAL COARSE, RIGHT HAND THREAD.
- TOLERANCES SHOWN ARE IN INCHES ONLY.
- FRAME REFERENCE: 6.750/143/145

TOLERANCES	
FACE RUNOUT	.004 T.I.R.
PERMISSIBLE ECCENTRICITY OF MOUNTING RABBET	.004 T.I.R.
PERMISSIBLE SHAFT RUNOUT	.002 T.I.R.

07-1850/C

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

INFORMATION DISCLOSED ON THIS DOCUMENT IS CONSIDERED PROPRIETARY AND SHALL NOT BE REPRODUCED OR DISCLOSED WITHOUT WRITTEN CONSENT OF NIDEC MOTOR CORPORATION



ISSUED BY  
**R. KING**  
APPROVED BY  
**J. O'BRIEN**

IHP\_DP\_NMCA (MAR-2011) SOLIDEDGE