

EFFECTIVE:
13-JUN-11

HORIZONTAL MOTORS

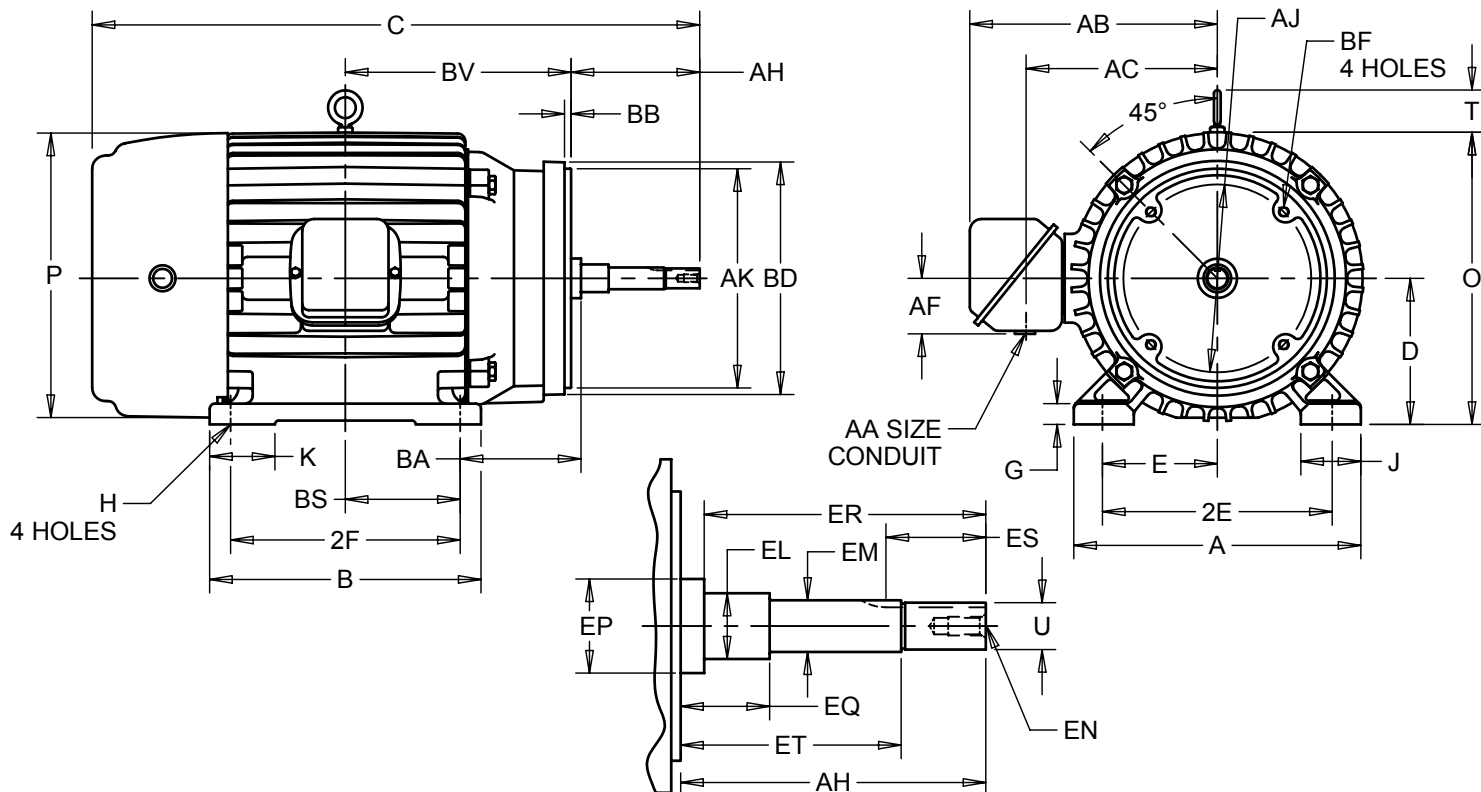
CLOSED COUPLED PUMP

FRAME: 284, 286JP
BASIC TYPE: CT-1

PRINT:
07-2784

SUPERSEDES:
13-FEB-09

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 ²
IN	13.75	13.00	30.75	7.00	5.50	11.00	1.00	.53	2.88	14.28	14.50
MM	349	330	781	178	140	279	25	13	73	363	368

UNITS	T	U -.0005	AA	AB	AC	AF	AH ±.031	AJ	AK -.005	BA	BB MIN	BD MAX
IN	2.06	1.2495	2.00	13.07	9.69	3.25	8.125	11.000	12.500	4.75	.31	14.00
MM	52	31.737		332	246	83	206.38	279.40	317.50	121	8	356

UNITS	BF	BV	EL -.002	EM -.0005	EN	EP MIN	EQ ±.020	ER MIN	ES MIN	ET ±.020	EV	SQ KEY
IN	5/8-11 X .94	10.50	1.750	1.3750	1/2-13 X 1.00	2.13	2.375	8.13	2.53	5.875	1.00	.250
MM		267	44.45	34.925		54	60.33	207	64	149.23	25	6.35

FRAME	UNITS	2F ±.03
284 JP	IN	9.50
	MM	241
286 JP	IN	11.00
	MM	279

TOLERANCES	
FACE RUNOUT	.007 T.I.R.
PERMISSIBLE ECCENTRICITY OF MOUNTING RABBET	.007 T.I.R.
PERMISSIBLE SHAFT RUNOUT	.003 T.I.R.

- 1: ALL ROUGH CASTING DIMENSIONS MAY VARY BY .25" DUE TO CASTING AND/OR FABRICATION VARIATIONS.
- 2: LARGEST MOTOR WIDTH.
- 3: TOLERANCES SHOWN ARE IN INCHES ONLY.

- 4: STANDARD ASSEMBLY POSITION F-1 IS SHOWN F-2 IS PROVIDED WHEN SPECIFIED. CONDUIT OPENINGS MAY BE LOCATED IN STEPS OF 90° REGARDLESS OF LOCATION. STANDARD AS SHOWN WITH CONDUIT OPENING DOWN.
- 5: ALL TAPPED HOLES ARE UNIFIED NATIONAL COARSE, RIGHT HAND THREAD.
- 6: TAP SIZE AND BOLT PENETRATION ALLOWANCE.

07-2784/A

Nidec Motor Corporation
St. Louis, Missouri

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