

EFFECTIVE:  
**13-JUL-12**

SUPERSEDES:  
**23-MAY-11**

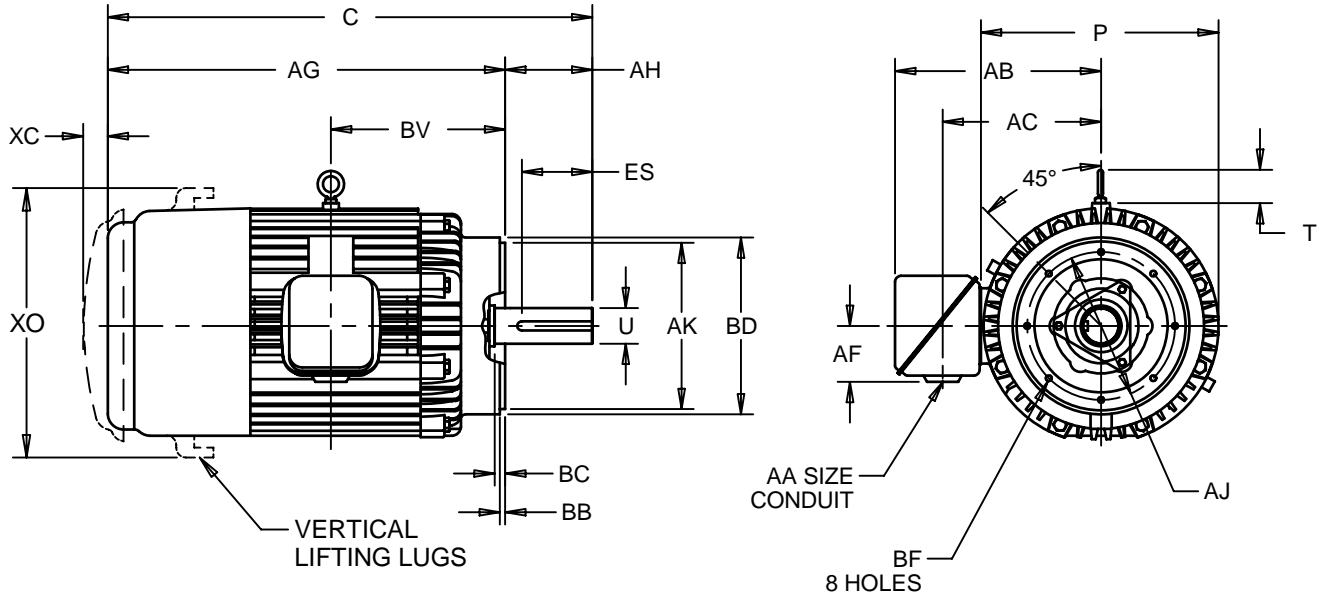
# HORIZONTAL MOTORS

AUTOMOTIVE DUTY WITH NEMA "C" BRACKET

FRAME: 444UC THRU 447USC  
BASIC TYPE: JADF

PRINT:  
**07-2561**

SHEET:  
**1 OF 1**



ALL DIMENSIONS ARE IN INCHES AND MILLIMETERS

UNITS	P <sup>2</sup>	XC <sup>7</sup>	T <sup>8</sup>	AA	AB	AC	AF	AJ	AK -.005	BB MIN	BC	BD MAX	BF <sup>3</sup>	XO <sup>7</sup>
IN	23.50	3.75	3.25	2 1/2 NPT	19.75	15.13	5.53	14.000	16.000	.25	.25	16.75	5/8-11 X .94	26.25
MM	597	95	83		502	384	140	355.60	406.40	6	6	425		667

FRAME	UNITS	C	BV	AG
444, 445UC	IN	45.75	16.00	37.38
	MM	1162	406	949
444, 445USC	IN	41.38	16.00	37.38
	MM	1051	406	949
447UC	IN	49.25	17.75	40.88
	MM	1251	451	1038
447USC	IN	44.88	17.75	40.88
	MM	1140	451	1038

FRAME	UNITS	U -.001	AH	ES MIN	SQ KEY
440UC	IN	2.875	8.38	7.00	.750
	MM	73.03	213	178	19.05
440USC	IN	2.125	4.00	2.75	.500
	MM	53.98	102	70	12.70

- 1: ALL ROUGH DIMENSIONS MAY VARY BY .25" DUE TO CASTING AND/OR FABRICATION VARIATIONS.
- 2: LARGEST MOTOR WIDTH.
- 3: TAP SIZE AND BOLT PENETRATION ALLOWANCE.
- 4: ALL TAPPED HOLES ARE UNIFIED NATIONAL COARSE, RIGHT HAND THREAD.
- 5: CONDUIT BOX MAY BE LOCATED ON EITHER SIDE. CONDUIT OPENINGS MAY BE LOCATED IN STEPS OF 90 DEGREES REGARDLESS OF LOCATION. STANDARD AS SHOWN WITH CONDUIT OPENING DOWN.
- 6: TOLERANCES SHOWN ARE IN INCHES ONLY.
- 7: ADD DIMENSION WHEN CANOPY CAP OR VERTICAL LIFTING IS SPECIFIED ON ORDER.
- 8: EYEBOLT LIFTING SUPPLIED ON HORIZONTAL MOUNT UNITS ONLY.

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

07-2561/F

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

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