

EFFECTIVE:
29-JAN-15

SUPERSEDES:
09-OCT-13

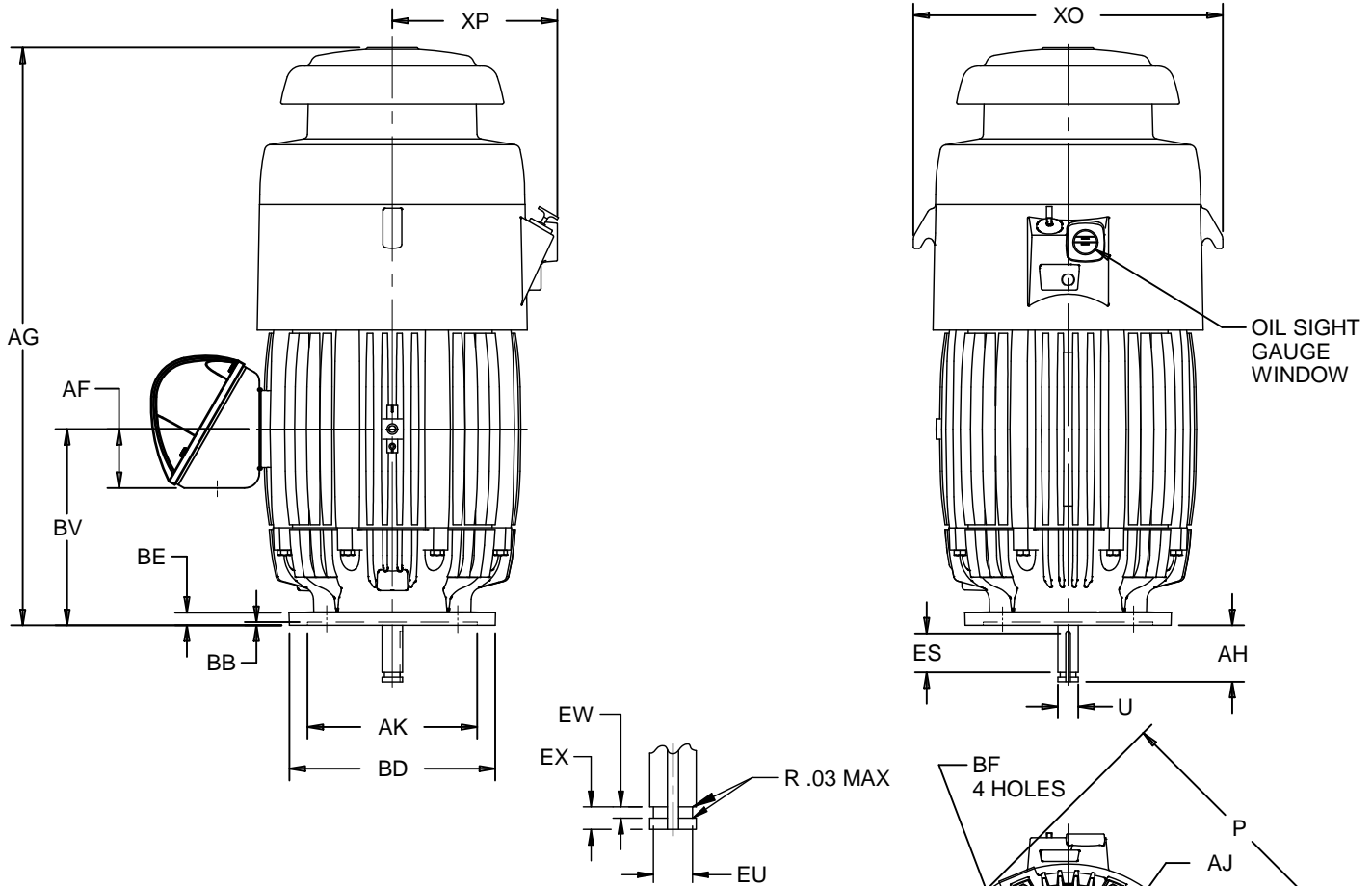
DIMENSION PRINT

TEFC - HIGH THRUST WITH CAST IRON OUTLET BOX

FRAME: 404, 405VP, VPA, VPZ, VPAZ
BASIC TYPE: TV4, TVC4

PRINT:
09-2420

SHEET:
1 OF 1



ALL DIMENSIONS ARE IN INCHES AND MILLIMETERS

UNITS	P ²	AA	AB	AC	AF	AG
IN	21.50	3 NPT	18.50	14.13	4.63	46.00
MM	546		470	359	118	1168

UNITS	AH ±.063	AJ	AK +.005	BB MIN	BE	BF
	4.500	14.750	13.500	.25	1.00	.69
	114.30	374.65	342.90	6	25	18

UNITS	BV	ES MIN	EW +.002	EX -.005	XO	XP
IN	15.63	3.03	.375	.750	24.66	13.13
MM	397	77	9.53	19.05	626	334

FRAME	UNITS	U -.001	EU -.005	SQ KEY
404,405VP,VPA	IN	1.625	1.250	.375
	MM	41.28	31.75	9.53
404,405VPZ,VPAZ	IN	2.125	1.750	.500
	MM	53.98	44.45	12.70

FRAME	UNITS	BD MAX
404,405VP,VPZ	IN	16.50
	MM	419
404,405VPA,VPAZ	IN	20.00
	MM	508

- ALL ROUGH DIMENSIONS MAY VARY BY .25" DUE TO CASTING AND/OR FABRICATION VARIATIONS.
- LARGEST MOTOR WIDTH.
- CONDUIT OPENINGS MAY BE LOCATED IN STEPS OF 90 DEGREES REGARDLESS OF LOCATION. STANDARD AS SHOWN WITH CONDUIT OPENING DOWN.
- TOLERANCES SHOWN ARE IN INCHES ONLY.
- PERMISSIBLE SHAFT RUNOUT: .002 T.I.R.
FOR SPECIAL SHAFT RUNOUT: .001 T.I.R. UP TO 1.625" DIAMETER INCLUSIVE.
FOR DIAMETERS LARGER THAN 1.625", .0015 T.I.R.

TOLERANCES	
FACE RUNOUT	.007 T.I.R.
PERMISSIBLE ECCENTRICITY OF MOUNTING RABBET	.007 T.I.R.
PERMISSIBLE SHAFT RUNOUT	SEE NOTE #5

09-2420/H

Nidec Motor Corporation
St. Louis, Missouri

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