

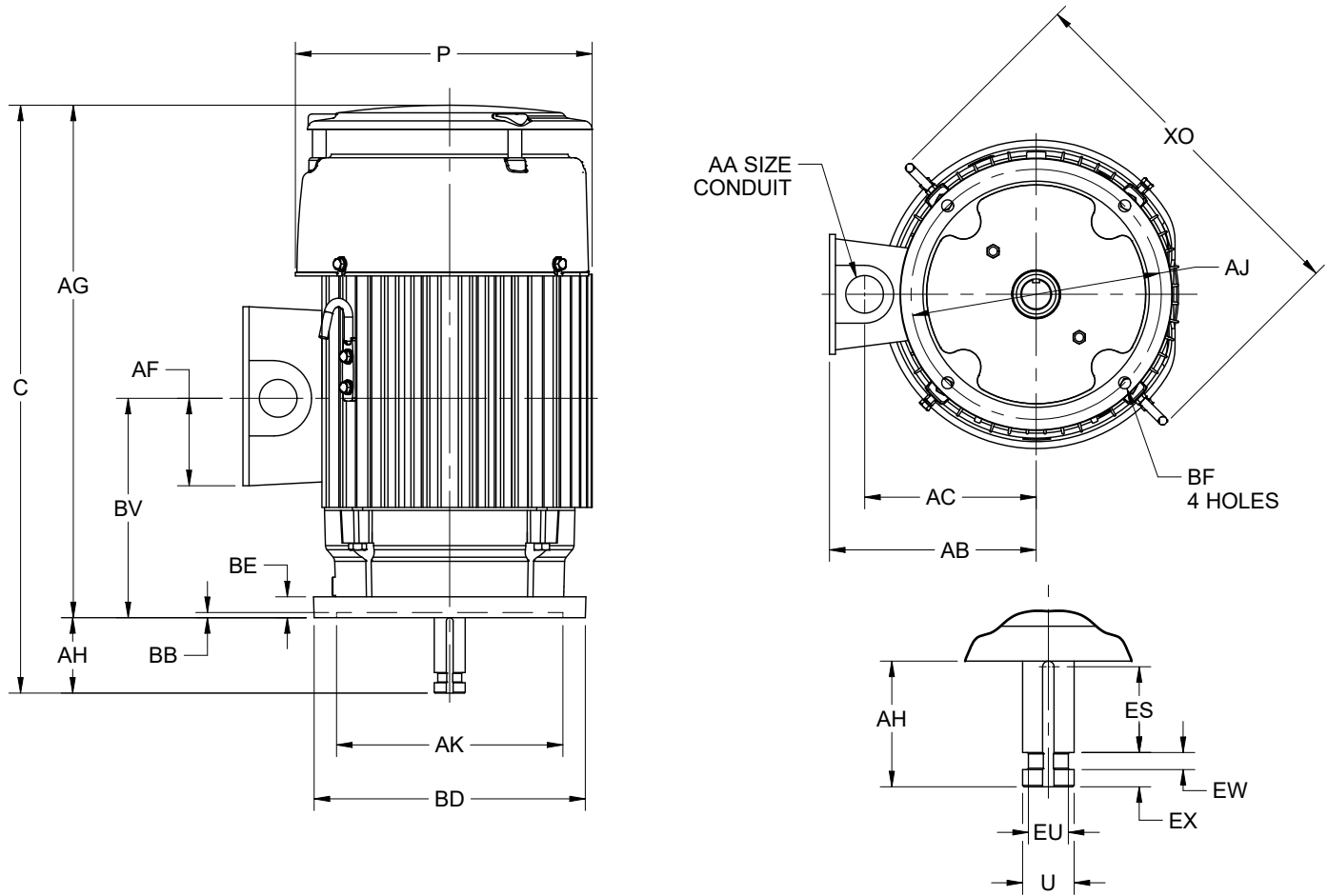
EFFECTIVE:
15-APR-20

SUPERSEDES:
08-MAR-19

DIMENSION PRINT
TEFC, IN-LINE PUMP
FRAME: 180, 210HP,LP
BASIC TYPE: TV9

PRINT:
09-2431

SHEET:
1 OF 1



ALL DIMENSIONS ARE IN INCHES AND MILLIMETERS

UNITS	C	P ²	AA	AB	AC	AF	AG	AH ±.062	AJ	AK +.003	BB MIN
IN	21.50	11.13	1.00	7.86	6.61	3.19	18.75	2.750	9.125	8.250	.19
MM	546	283		200	168	81	476	69.85	231.78	209.55	5

UNITS	BD MAX	BE	BF	BV	ES MIN	EW +.002	EX -.005	XO
IN	10.00	.75	.44	8.00	1.25	.375	.750	13.50
MM	25	19	11	203	32	9.53	19.05	343

FRAME	UNITS	U	EU -.005	SQ KEY
180, 210HP	IN	1.1250	.875	.250
	MM	28.575	22.23	6.35
180, 210LP	IN	1.625	1.250	.375
	MM	41.28	31.75	9.53

- 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° STANDARD AS SHOWN WITH CONDUIT OPENING DOWN.
- TOLERANCES SHOWN ARE IN INCHES ONLY.
- SHAFT EXTENSION DIAMETER TOLERANCE:
+.0000; -.0005 UP TO 1 1/2" INCLUSIVE,
LARGER DIAMETERS; +.000; -.001.

TOLERANCES	
FACE RUNOUT	.004 T.I.R.
PERMISSIBLE ECCENTRICITY OF MOUNTING RABBET	.004 T.I.R.
PERMISSIBLE SHAFT RUNOUT	.001 T.I.R.
PERMISSIBLE SHAFT ENDPLAY	.0015 MAX

09-2431/C

Nidec Motor Corporation
St. Louis, Missouri

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ISSUED BY
L. ALBELDAÑO
APPROVED BY
F. LARA

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