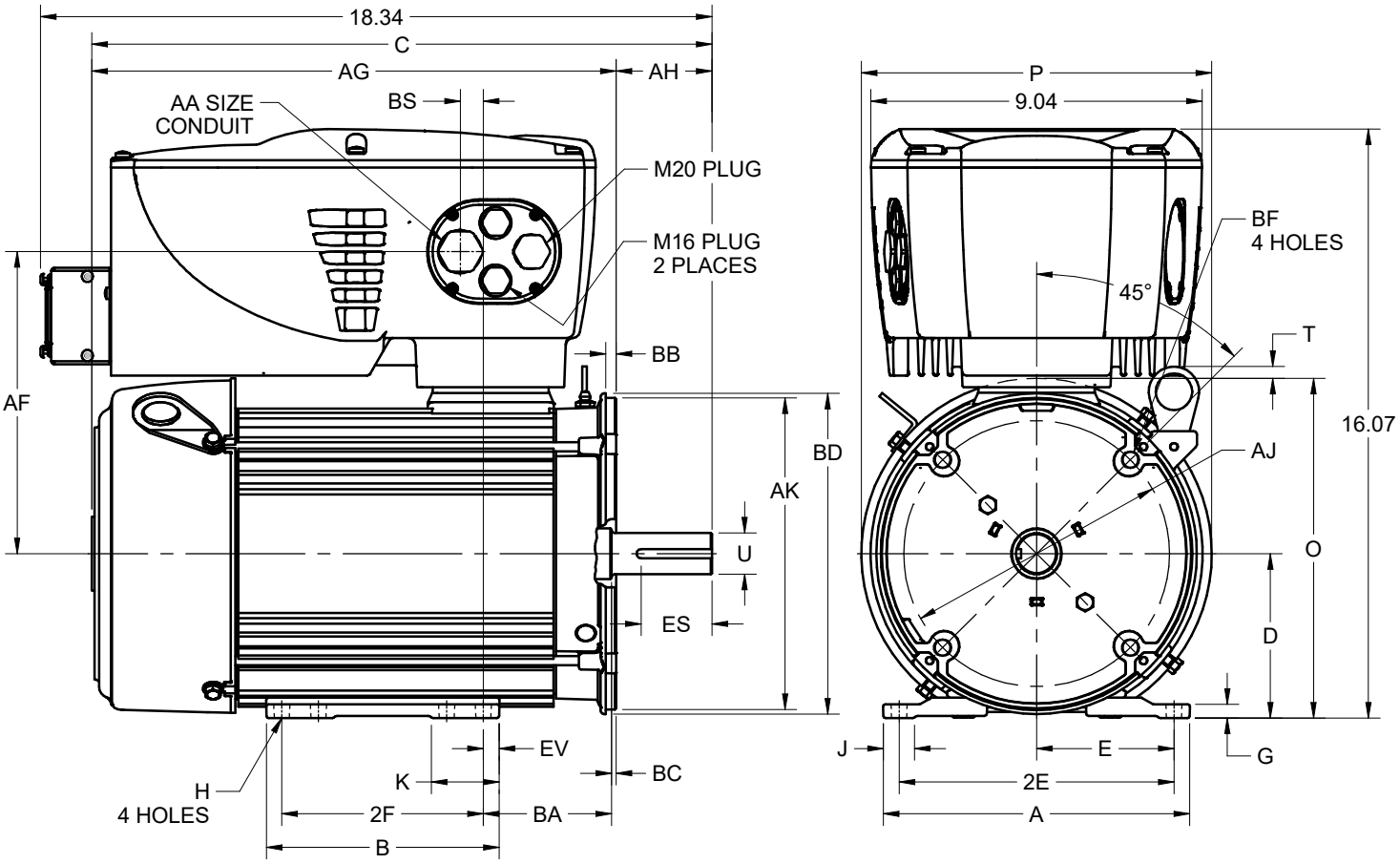
EFFECTIVE:	HORIZONTAL MOTORS	PRINT:
02-FEB-21	TEFC C-FACE WITH ID300 DRIVE SIZE 3	07-3470
SUPERSEDES:	FRAME: 182, 184TC	SHEET:
NEW	BASIC TYPE: UT	1 OF 1



TOLERANCES	
FACE RUNOUT	.004 TIR
PERMISSIBLE ECCENTRICTY OF MOUNTING RABBET	.004 TIR
PERMISSIBLE SHAFT RUNOUT	.002 TIR

ALL DIMENSIONS ARE IN INCHES AND MILLIMETERS

UNITS	A	B	D -.06	E	2E ±.03	G	H +.05	J	K	O	P [2]	T
IN	8.38	6.38	4.50	3.75	7.50	.38	.41	.88	1.84	9.28	9.56	.34
MM	213	162	114	95	191	10	10	22	47	236	243	9

UNITS	U -.0005	AA	AF	AH	AJ	AK -.003	BA	BB MIN	BC	BD	BF [3,4]
IN	1.1250	M25	6.88	2.62	7.250	8.500	3.50	.25	.12	9.00	1/2-13 X .75
MM	28.575		175	67	184.15	215.90	89	6	3	229	

UNITS	BS	ES MIN	EV	SQ KEY
IN	.97	1.78	.50	.250
MM	25	45	13	6.35

FRAME	UNITS	C	2F ±.03	AG
182TC	IN	16.19	4.50	13.56
	MM	411	114	344
184TC	IN	16.94	5.50	14.31
	MM	430	140	363

1. DIMENSIONS MAY VARY .25" DUE TO CASTING AND/OR FABRICATION VARIATIONS
2. LARGEST MOTOR WIDTH
3. ALL TAP HOLES ARE UNIFIED NATIONAL COARSE, RIGHT HAND THREAD
4. TAP SIZE AND BOLT PENETRATION ALLOWANCE
5. METRIC PLUG PLATE CAN BE ROTATED 180° AND/OR MOVED TO OPPOSITE SIDE OF MOTOR
6. TOLERANCES ARE SHOWN IN INCHES ONLY
7. FRAME REFERENCE: 8.25/182//9.00/184

07-3470/-

Nidec Motor Corporation
St. Louis, Missouri

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ISSUED BY
R. TIMMERMANN
APPROVED BY
J. HAGENE

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