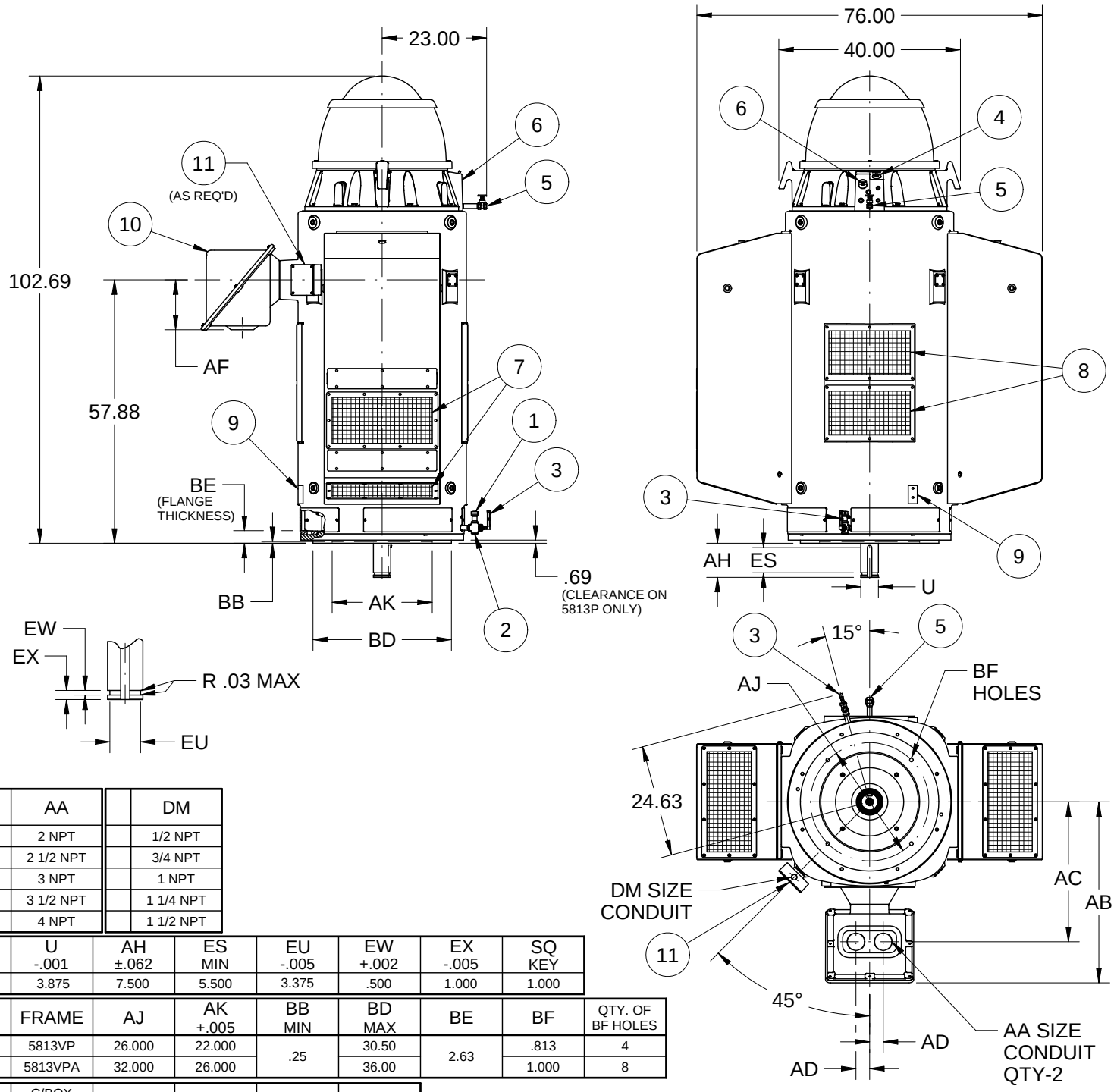
EFFECTIVE: 13-JUN-13	DIMENSION PRINT WEATHER PROTECTED TYPE II FRAME: 5813VP, VPA BASIC TYPE: RV4	PRINT: 09-2793
SUPERSEDES: 17-SEP-12		SHEET: 1 OF 1



	AA
	2 NPT
	2 1/2 NPT
	3 NPT
	3 1/2 NPT
	4 NPT

	DM
	1/2 NPT
	3/4 NPT
	1 NPT
	1 1/4 NPT
	1 1/2 NPT

	U -.001	AH ±.062	ES MIN	EU -.005	EW +.002	EX -.005	SQ KEY
	3.875	7.500	5.500	3.375	.500	1.000	1.000

	FRAME	AJ	AK +.005	BB MIN	BD MAX	BE	BF	QTY. OF BF HOLES
	5813VP	26.000	22.000	.25	30.50	2.63	.813	4
	5813VPA	32.000	26.000		36.00		1.000	8

	C/BOX VOLUME (CU. IN.)	AB	AC	AD	AF
	3400	39.37	30.75	3.00	10.94

FEATURE LISTING

1	LOWER SUMP OIL FILL	6	UPPER SUMP SIGHT WINDOW	11	ACCESSORY CONDUIT BOX
2	LOWER SUMP OIL DRAIN	7	AIR INTAKE, 180° APART		
3	LOWER SUMP SIGHT WINDOW	8	AIR EXHAUST, 180° APART		
4	UPPER SUMP OIL FILL	9	GRD PADS, DIAG OPP, 1/2-13		
5	UPPER SUMP OIL DRAIN	10	MAIN CONDUIT BOX		

ALL DIMENSIONS ARE IN INCHES.

TOLERANCES	
FACE RUNOUT	.007 T.I.R.
PERMISSIBLE ECCENTRICITY OF MOUNTING RABBET	.007 T.I.R.
PERMISSIBLE SHAFT RUNOUT	.003 T.I.R.
MAXIMUM SHAFT END PLAY	.010
NON-MACHINED DIMENSIONS MAY VARY BY ±.25	

09-2793/C

Nidec Motor Corporation
St. Louis, Missouri

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APPROVED BY
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