

PRODUCT INFORMATION PACKET



Model No: 355TFCD6031

Catalog No: 355TFCD6031

250KW,4P,TEFC-VS,TCA 355,B35, 380/460V,50/60Hz, IR-US,IR PART #: 47654613004

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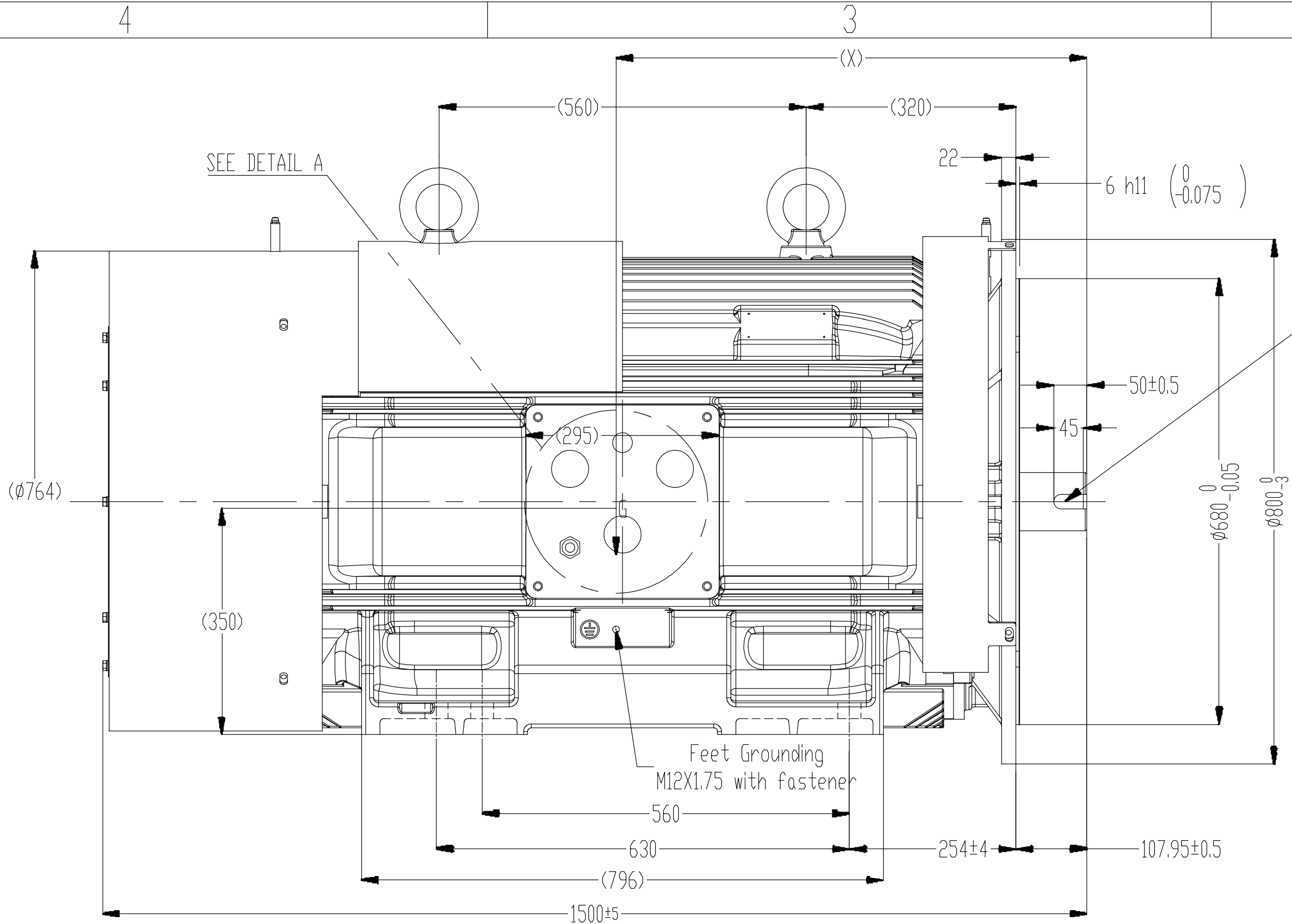
Nameplate Specifications

Phase	3	Output HP	250 KW Hp
Voltage	380 V	Speed	1493 rpm
Service Factor	1.21	Frame	355TDZ
Enclosure	Totally Enclosed Fan Cooled	Thermal Protection	No Protection
Efficiency	96 %	Ambient Temperature	46 °C
Frequency	50 Hz	Current	445.0 A
Power Factor	89	Duty	Continuous (S1)
Insulation Class	F	Design Code	NO DESIGN CODE
KVA Code	G	Drive End Bearing Size	NU222
Opp Drive End Bearing Size	7222B	UL	Recognized
CSA	N	CE	Y
IP Code	55	Number of Speeds	1

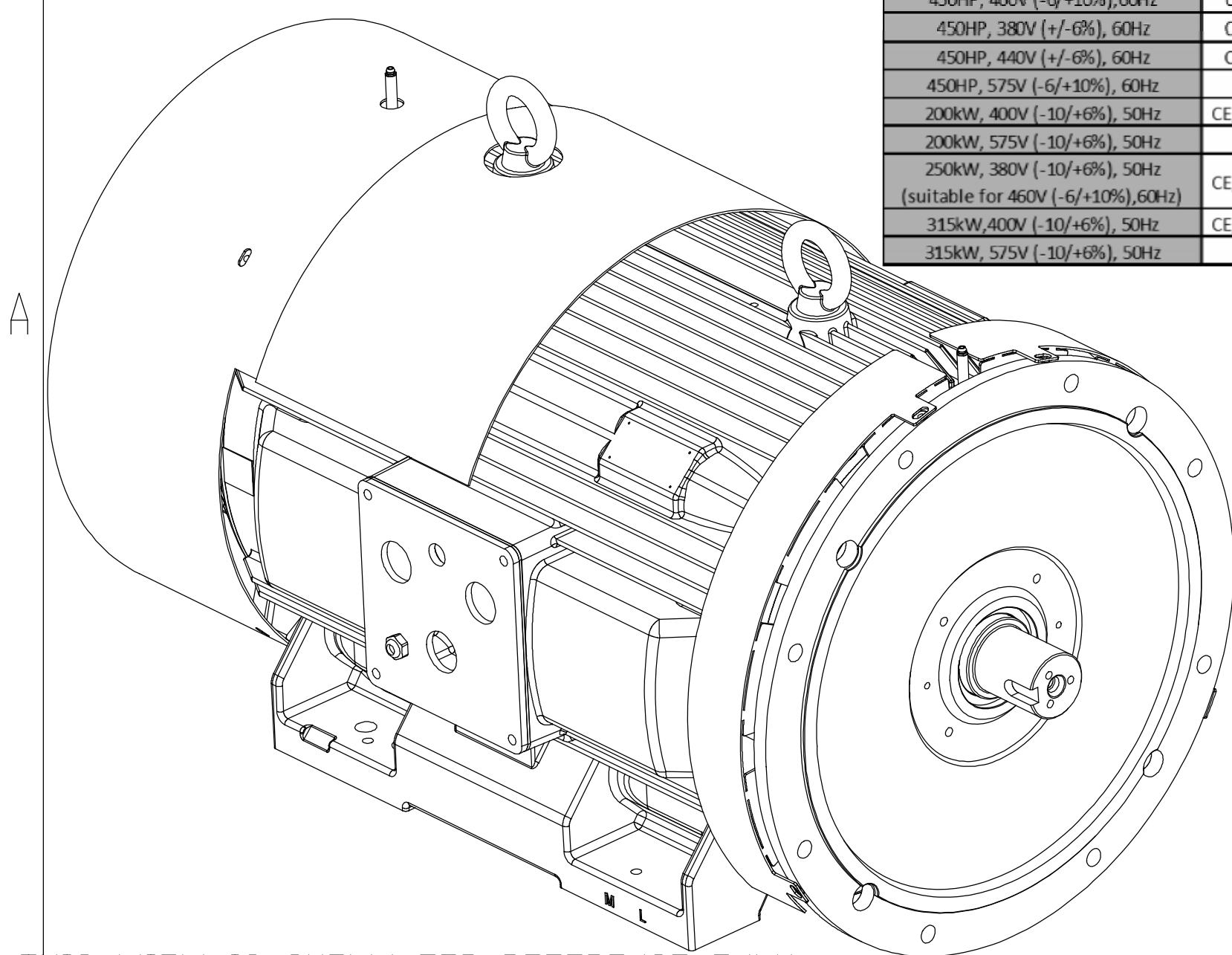
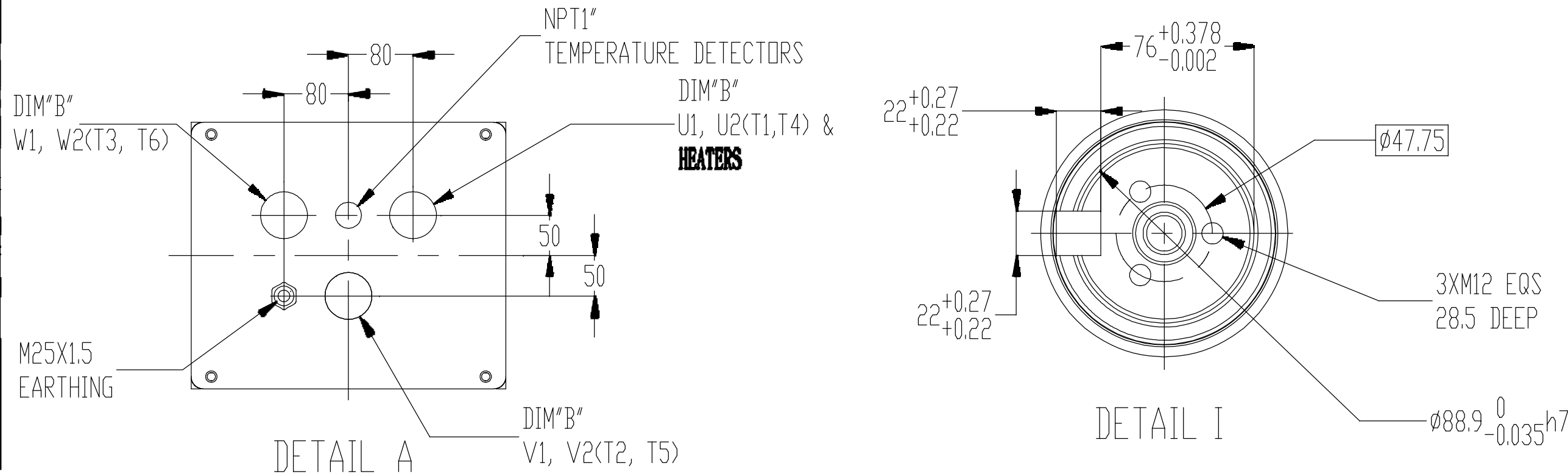
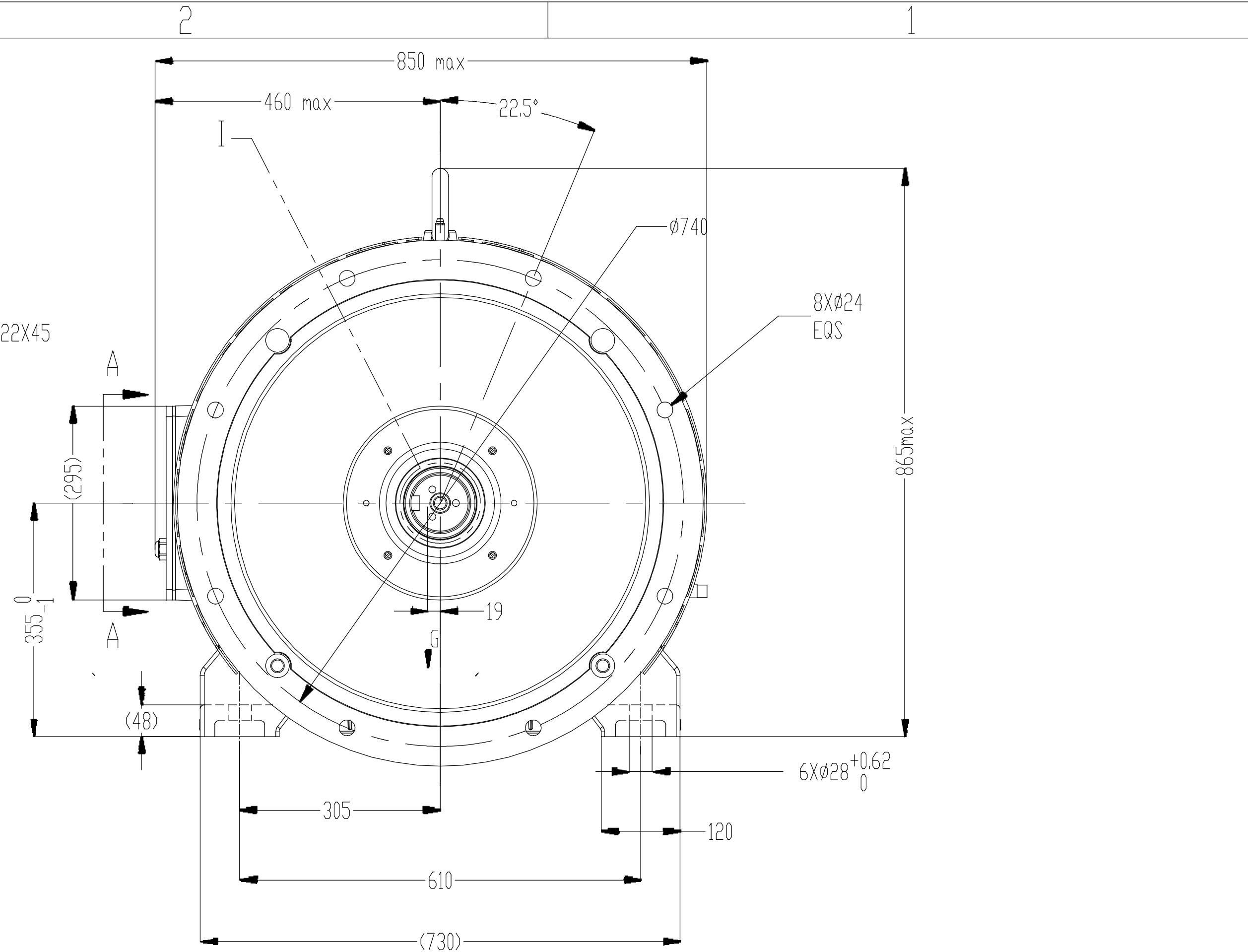
Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	.0058 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Roller
Opp Drive End Bearing	Double Angular Contact	Frame Material	Cast Iron
Shaft Type	Single Special Extension	Assembly/Box Mounting	F1 ONLY
Outline Drawing	0235502435	Connection Drawing	EE7340AN

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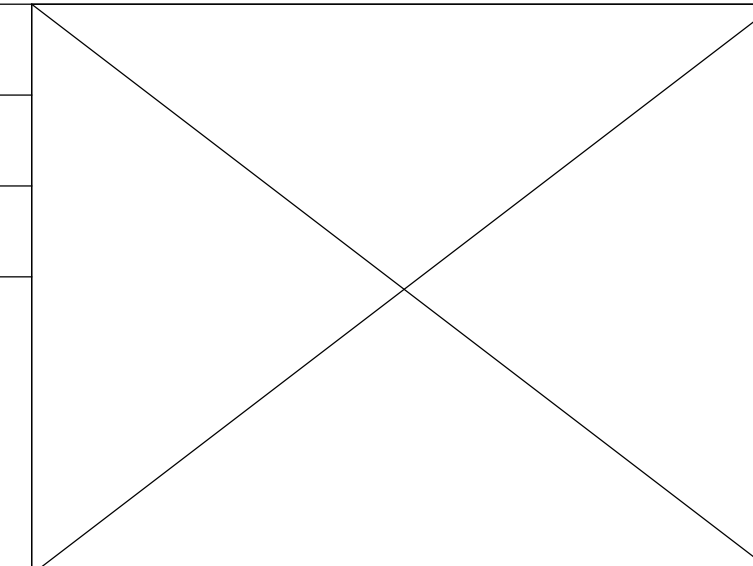


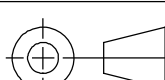
VOLTAGE/FREQUENCY	STANDARD MARKING	TYPE	DIM"B"	POWER LEAD LENGTH(mm)	SPACE HEATER LEAD LENGTH(mm)	RTD LEAD LENGTH(m)	POWER LEAD	GROUND LEAD	Approx Weight(K G)	X
350HP, 380V (+/-6%), 60Hz	CE, GB	TCA-355-4P-350HP-380V-60HZ-B35-FS	2.00NPT	2200	2200	2200	6x95mm2	1x50mm2	1755	715
350HP, 440V (+/-6%), 60Hz	CE, GB	TCA-355-4P-350HP-440V-60HZ-B35-FS	2.00NPT	2200	2200	2200	6x70mm2	1x35mm2	1755	715
350HP, 460V (-6/+10%), 60Hz	UL, GB	TCA-355-4P-350HP-460V-60HZ-B35-FS	2.00NPT	2200	2200	2200	6x3/0AWG	1x2AWG	1755	715
350HP, 575V (-6/+10%), 60Hz	CSA	TCA-355-4P-350HP-575V-60HZ-B35-FS	2.00NPT	2200	2200	2200	6x3/0AWG	1x2AWG	1755	715
400HP, 460V (-6/+10%), 60Hz	CE, GB	TCA-355-4P-400HP-460V-60HZ-B35-FS	2.50NPT	2200	2200	2200	6x4/0AWG	1x2/0AWG	1800	715
400HP, 380V (+/-6%), 60Hz	CE, GB	TCA-355-4P-400HP-380V-60HZ-B35-FS	2.50NPT	2200	2200	2200	6x95mm2	1x50mm2	1800	715
400HP, 440V (+/-6%), 60Hz	CE, GB	TCA-355-4P-400HP-440V-60HZ-B35-FS	2.50NPT	2200	2200	2200	6x95mm2	1x50mm2	1800	715
400HP, 575V (-6/+10%), 60Hz	CSA	TCA-355-4P-400HP-575V-60HZ-B35-FS	2.50NPT	2200	2200	2200	6x95mm2	1x50mm2	1800	715
315KW, 400V (+/-6%), 50Hz	CE, GB	TCA-355-4P-315KW-400V-50HZ-B35-FS	2.50NPT	2200	2200	2200	6x95mm2	1x50mm2	1850	715
450HP, 460V (-6/+10%), 60Hz	UL, GB	TCA-355-4P-450HP-460V-60HZ-B35-FS	2.50NPT	2200	2200	2200	6x4/0AWG	1x2/0AWG	2000	721
450HP, 380V (+/-6%), 60Hz	CE, GB	TCA-355-4P-450HP-380V-60HZ-B35-FS	2.50NPT	2200	2200	2200	6x95mm2	1x50mm2	2000	721
450HP, 440V (+/-6%), 60Hz	CE, GB	TCA-355-4P-450HP-440V-60HZ-B35-FS	2.50NPT	2200	2200	2200	6x95mm2	1x50mm2	2000	721
450HP, 575V (-6/+10%), 60Hz	CSA	TCA-355-4P-450HP-575V-60HZ-B35-FS	2.50NPT	2200	2200	2200	6x3/0AWG	1x2AWG	2000	721
200KW, 400V (-10/+6%), 50Hz	CE, GB, UL	TCA-355-4P-200KW-400V-50HZ-B35-VS	2.00NPT	2700	2700	2700	6x3/0AWG	1x2AWG	1580	710
200KW, 575V (-10/+6%), 50Hz	CSA	TCA-355-4P-200KW-575V-50HZ-B35-VS	2.00NPT	2700	2700	2700	6x1/0AWG	1x3AWG	1580	710
250KW, 380V (-10/+6%), 50Hz (suitable for 460V (-6/+10%), 60Hz)	CE, GB, UL	TCA-355-4P-250KW-380V-50HZ-B35-VS	2.00NPT	2700	2700	2700	6x4/0AWG	1x2/0AWG	1690	710
315KW, 400V (-10/+6%), 50Hz	CE, GB, UL	TCA-355-4P-315KW-400V-50HZ-B35-VS	2.50NPT	2700	2700	2700	6x4/0AWG	1x2/0AWG	1850	715
315KW, 575V (-10/+6%), 50Hz	CSA	TCA-355-4P-315KW-575V-50HZ-B35-VS	2.50NPT	2700	2700	2700	6x3/0AWG	1x2AWG	1850	715

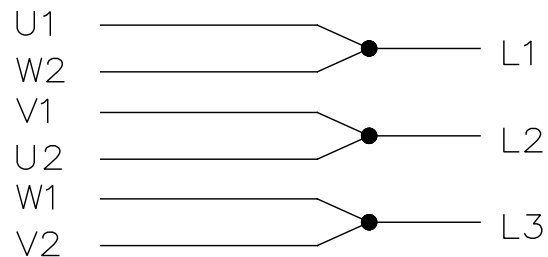


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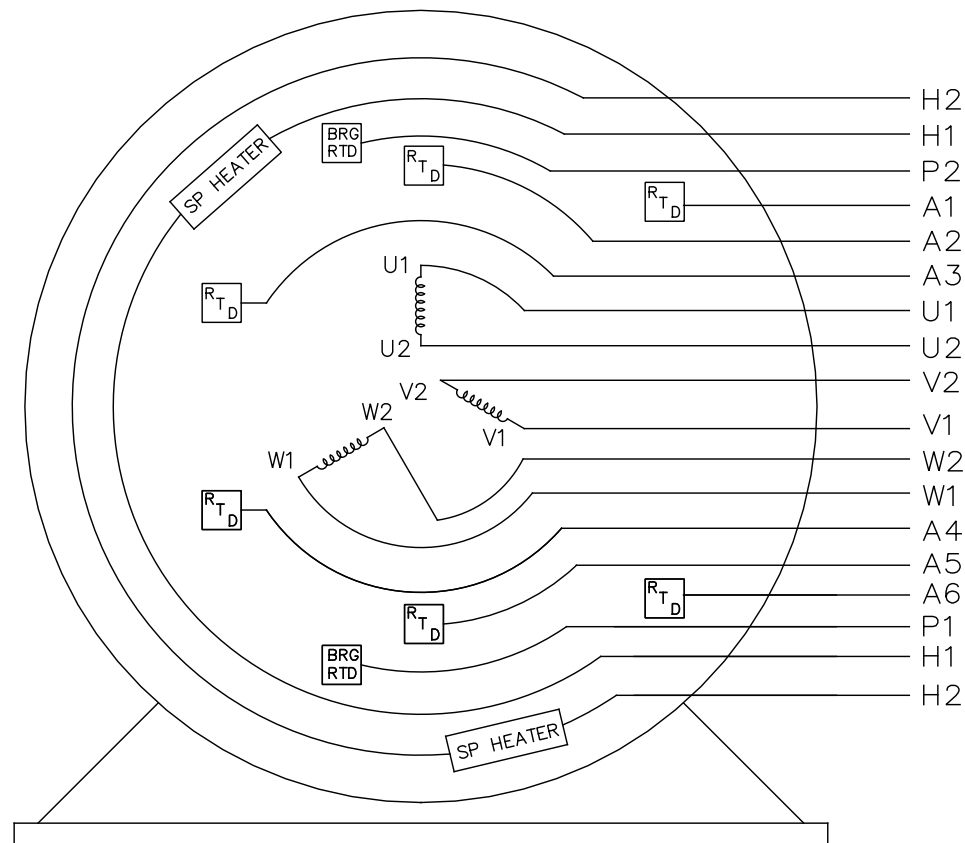
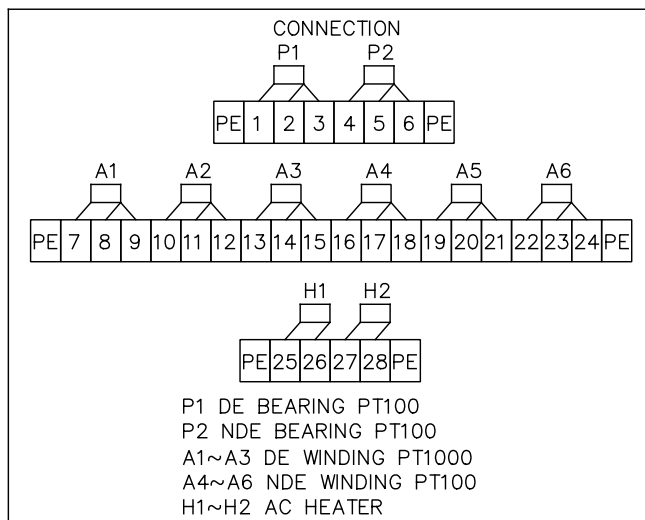
DRAWING REVISION B	REVISION BY Wang Yunkong	DATE 27/02/2018
ECD	APPROVED BY Zhu Xiaowei	DATE 27/02/2018
ECD DESCRIPTION NEW DRAWING.		
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DRAWN BY Wang Yunbing		 Regal Beloit (Wuxi) Co., Ltd.	
DATE 27/02/2019			
APPROVED BY Zou Yunhai		DESCRIPTION OUTLINE TCA 355-4 (IR ARES)	
DATE 27/02/2019			
REFERENCE		MATERIAL	PROCESS/FINISH
THIRD ANGLE PROJECTION		SIZE B	DRAWING NUMBER 0235502435
			SHEET 1 OF 1



NOTE:
WHEN MORE THAN ONE
HEATER IS USED, HEATERS
MUST BE CONNECTED
IN PARALLEL.



VIEW OF TERMINAL END

				TOLERANCES UNLESS SPECIFIED		 REGAL - BELOIT CORPORATION	DRAWN WGJ 02-24-2017				
				DEC.	INCHES		CHK				
				.X	±.1		APPD AB 02-24-2017				
				.XX	±.02		SCALE 1=1				
				.XXX	±.005		REF				
A	RELEASE FOR PRODUCTION ECO-0118907	WGJ 2/24/2017	AB	.XXXX	±.0005	MAT'L.			FMF		
NO.	REVISION	BY & DATE	CHK	ANG	± 7'30"	FINISH			PREV		
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