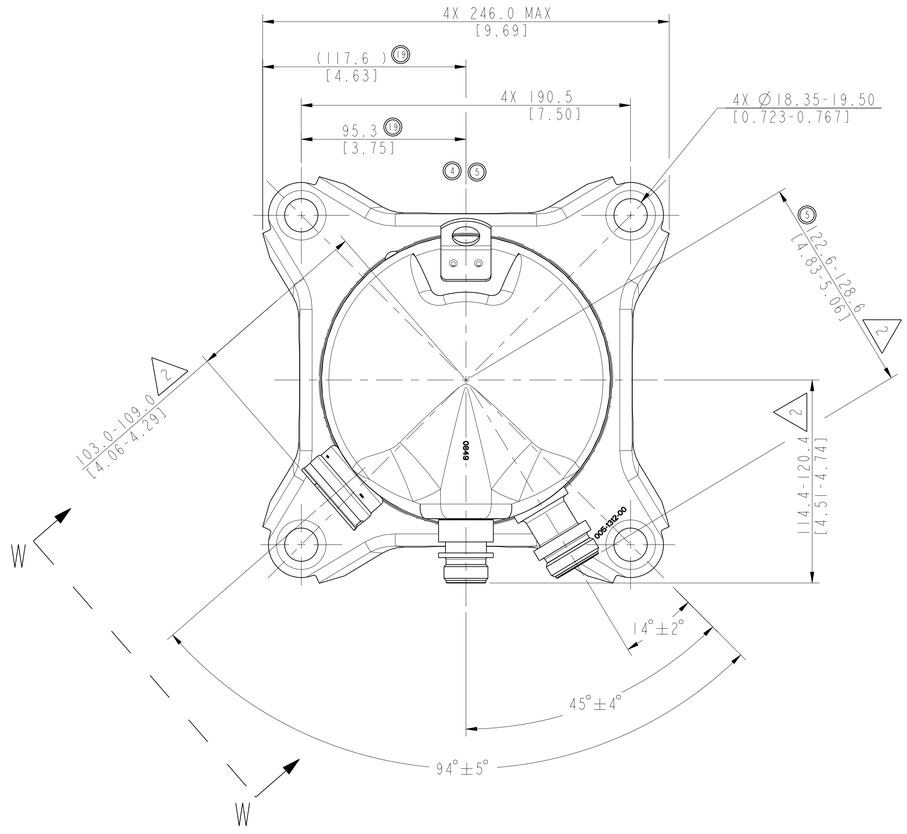
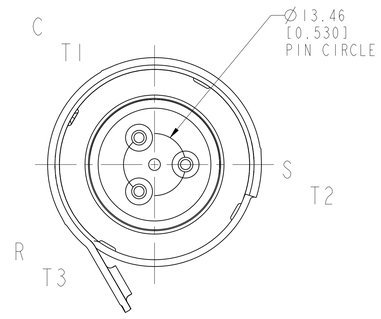
MODEL NUMBER	
ZP51K5E-PFV/TFD/TF5/TFE/TF7	13
ZP36K5E-PFV/TFD/TF5/TFE	2
ZP39K5E-PFV/TFD/TF5/TFE/TF7	6 18
ZP54K5E-PFV/TFD/TF5/TFE	
ZP34K5E-PFV/TFD/TF5	
ZP38K5E-PFV/TFD/TF5/TFE	1
ZP42K5E-PFV/TFD/TF5/TFE	
ZP49K5E-PFJ/PFV/TF5/TFD/TFE/TF7	9 10 15 17
ZP44K5E-PFJ/PFV/TF5/TFD/TFE/TF7	11 12 14 16 19

SPECIFICATIONS	
ES NO.	DESCRIPTION
ES92-155	CONVERSION-METRIC



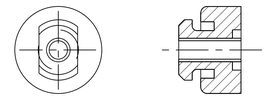


VIEW W-W 10
SCALE 2:1

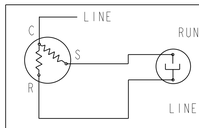
NOTES:

1. ALL TOLERANCES ±1.50 [0.060] UNLESS OTHERWISE SPECIFIED.
2. THE SUCTION TUBE, DISCHARGE TUBE, AND CIRCLE FENCE RADIAL DIMENSIONS ARE TO BE GAUGED FROM THE CENTER OF THE MOUNTING HOLE PATTERN.
3. TUBE ENDS MUST BE PLUGGED.
4. MOUNTING KIT:

GROMMET DUROMETER	4 FOOT KIT
35-45	527-0116-00



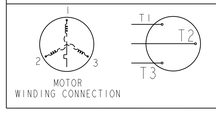
COMPRESSOR WIRING DIAGRAM
SINGLE PHASE MOTOR WITH
INTERNAL PROTECTION



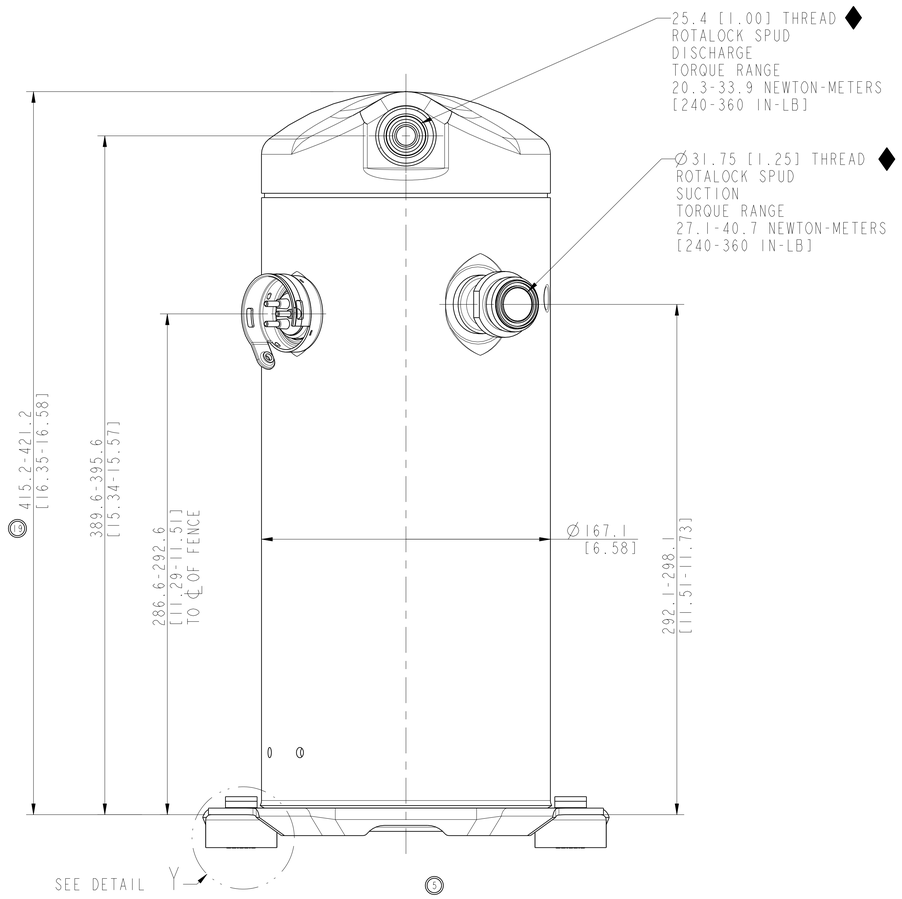
USE COPPER CONDUCTORS ONLY. USE THIS EQUIPMENT ON A GROUNDED SYSTEM ONLY. USE MINIMUM 75° C WIRE FOR AMPACITY DETERMINATION. INTERNAL MOTOR PROTECTION ALLOW TIME FOR RESET. OVERCURRENT PROTECTION DEVICE RATING AND TYPE MUST BE IN ACCORDANCE WITH REGULATORY AGENCY END PRODUCT APPROVALS-SEE SYSTEM NAMEPLATE.

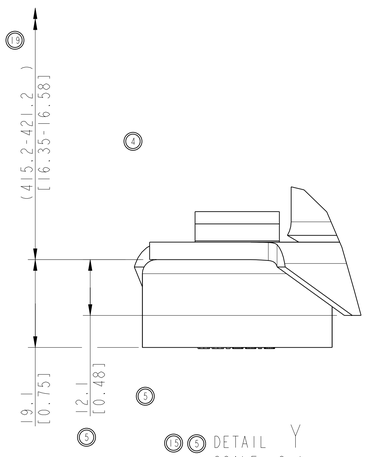
COMPRESSOR WIRING DIAGRAM
THREE PHASE MOTOR WITH
INTERNAL PROTECTION

USE COPPER CONDUCTORS ONLY. USE THIS EQUIPMENT ON A GROUNDED SYSTEM ONLY. USE MINIMUM 75° C WIRE FOR AMPACITY DETERMINATION. INTERNAL MOTOR PROTECTION-ALLOW TIME FOR RESET. PRIMARY SINGLE PHASE FAILURE PROTECTION IS PROVIDED. CRANKCASE HEATER, WHEN APPLIED, MUST BE CONNECTED ONLY TO ITS RATED VOLTAGE. OVERCURRENT PROTECTION DEVICE RATING AND TYPE MUST BE IN ACCORDANCE WITH REGULATORY AGENCY END PRODUCT APPROVALS - SEE SYSTEM NAMEPLATE. TO CORRECT IMPROPER MOTOR ROTATION, SWITCH ANY TWO SUPPLY LINES.



6





DETAIL Y
SCALE 2:1

ECN	REV. NO.	REVISIONS	DATE	BY	CHKD	APPR
ECN003097	19	ADDED ZP44K5E-PFJ	12-19-11	PBM	BR	KJR
ECN004352	18	ADDED ZP39K5E-TF7	10-07-11	INY	BR	KJR
ECN002632	17	ADDED MODEL ZP49K5E-PFJ	01-31-11	INY	BR	KJR
ECN002564	16	ADDED ZP44K5E-TF7	11-29-10	PBM	BR	KJR
ECN002571	15	ADDED ZP49K5E-TF7	10-27-10	INY	MA	KJR
ECN001760	14	ADDED ZP44K5E-TFE	10-21-09	PAS	EC	KJR
ECN001833	13	ADDED ZP51K5E-TF7	09-08-09	PBM	EC	KJR
ECN001785	12	ADDED ZP44K5E-TFD	07-21-09	PAS	EC	KJR
ECN001050	11	ADDED ZP44K5E-PFV/TF5	05-05-09	TM	EC	KJR
ECN001294	10	ADDED ZP49K5E-TFD/TFE	03-20-09	PBM	EC	KJR
ECN000756	9	ADDED ZP49K5E-TF5	11-10-08	PNA	EC	KJR
ECN000756	8	ADDED ZP49K5E-PFV	07-23-08	INY	EC	KJR
ECN001129	7	ADDED ZP38K5E-TFE	06-30-08	INY	EC	KJR
ECN000460	6	ADDED ZP39K5E-TFE	05-22-08	PBM	EC	KJR
ECN000144	5	REPLACED LOWER COVER & PICTORIALLY UPDATED VIEW	01-18-08	SVK	EC	KJR
32-0806-095	4	ADDED ZP36K5E-TFE TO CHART AND REVISED	01-16-08	SVK	EC	KJR
32-0306-049	3	ADDED ZP34/36/38/39/42/51/54K5E-TFD/5	06-01-06	MA	CA	
32-0905-008	2	REVISED AND REDRAWN	09-08-05	CAT	JAS	
32-1103-065	1	ADDED ZP54/34/38/42K5E-PFV	09-14-04	MA	GD	
32-1103-065	0	RELEASED	06-08-04	LMW	GD	

ENG NOTICE NO.

EMERSON Climate Technologies
Copeland brand products

INTERPRET PER ASME Y14.5M-1994 AND EMERSON CLIMATE TECHNOLOGIES, INC. DESIGN STANDARDS DS2002
DO NOT SCALE DRAWING
CRITICAL PRODUCT CHARACTERISTIC
THIRD ANGLE PROJECTION
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE MILLIMETER OR [INCH]
TOLERANCES:
1-PLACE ±
2-PLACE ±
ANGULAR ±

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24 (63FR)

MATERIAL SPECIFICATION: N/A
DRAWN BY: LMW
DATE: 06-28-04
SUPERSEDES DWG. NO. / REV. NO.: /
SCALE: 3:4
DATE FORMAT: MM-DD-YY

TITLE: REF DWG-WELD COMP ASSM
DRAWING NUMBER: 497-2841-00
SHEET 1 OF 1
DWG SIZE: D

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