



Model Number	GR3-CI-TF-180LB3-4-BR-D-30-230 460-60
MFG PN	T 180L1-4
List Price	--

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data		General Data	
Rated Motor Output Power	30 HP	Frame Size	180
Rated Motor Speed	1775 r/min	Enclosure	TEFC
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ	Approximate Weight	459.8
Rated Motor Current	68.6/34.3 Amps	NEMA Design	A
Service Factor	1.15	IP Rating	55
KVA Code	K	Insulation Class	F
Nominal Efficiency	93.6 %	Tropicalization	YES
Nominal Power Factor	0.86 cosθ	Duty	Cont.
Full Load Torque Ft-Lb	89.2496 Ft-Lb	Cable Entry	M32 X 1.5
Temp Rise @ Full Load °C	59.6	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

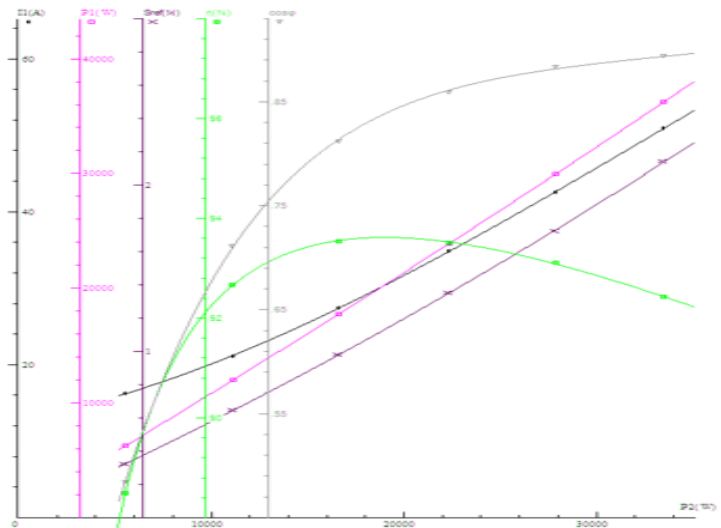
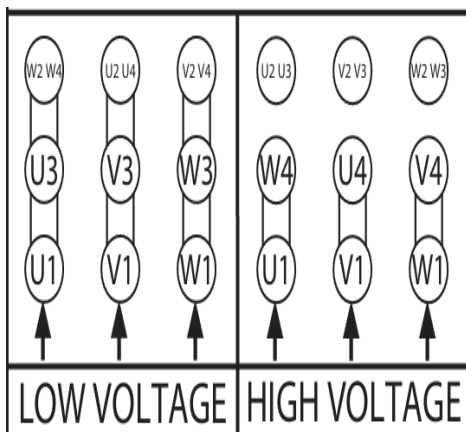
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	
Locked Rotor	-	298	329.5	Rated Altitude (M)	1000
Breakdown	-	364	-	Coating	7024 - Graphite Grey
Pull Up	-	214	-	Shaft Grounding	NO
125% of FL	1769	-	42.62	Brake Voltage (DC)	--
75% of FL	1782	-	27.52	Brake Torque (N-M)	--
50% of FL	1788	-	21.25	Mechanical Data	
No Load	--	-	14.41	Bearing DE Side	6311 C3

Hazardous Location	Class 1, Div 2, Grp A,B,C,D			Bearing NDE Side	6311 C3
				Moment of Inertia	-- kg.m2
				Noise Level	Per NEMA dB (A)

CT VFD Range		--	Loaded Torque Curves	
			P1 = INPUT POWER (KW), S = Slip (% of Sync RPM), η = Efficiency (%), cosφ = Power Factor	

Certifications	UL	CSA	DOE
File Numbers	323353	224693	096A

Wiring Diagram	3PH 12 Lead IEC Dual Voltage
----------------	------------------------------





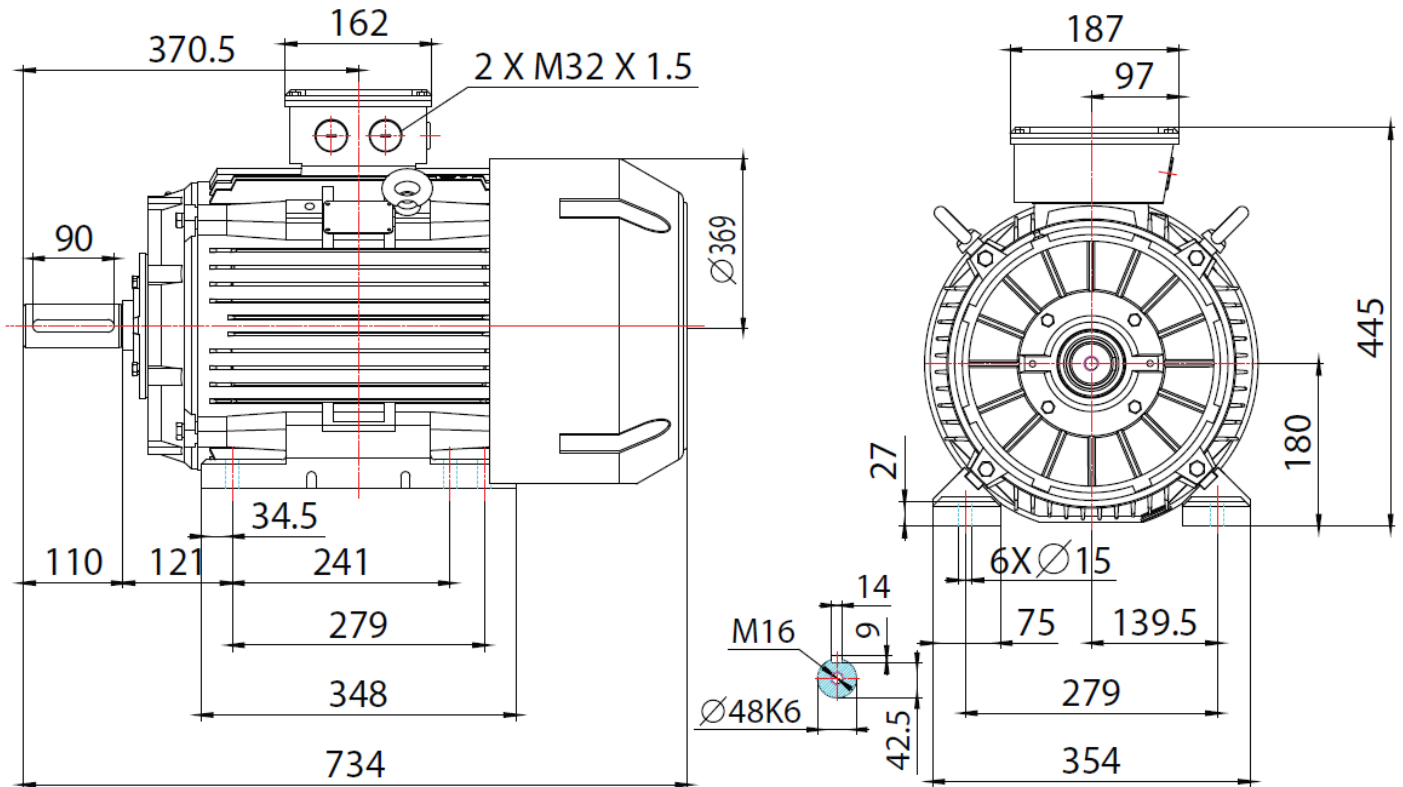
Model Number GR3-CI-TF-180LB3-4-BR-D-30-230|460-60

MFG PN T 180L1-4

List Price --

Base Frame GR-180LB3-CI-TF

FRAME:180LB3-CFC HP: RPM: PHASE: 3 VOLT: ENCL: TEFC FREQ: 60 Hz FLA: LRA:



MODEL NUMBER:

GR3-CI-TF-180LB3-CFC

MFG PN:

REV.

BY

DATE

CHANGES

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

32

33

34

35

36

37

38

39

40

41

42

43

44

45

46

47

48

49

50

51

52

53

54

55

56

57

58

59

60

61

62

63

64

65

66

67

68

69

70

71

72

73

74

75

76

77

78

79

80

81

82

83

84

85

86

87

88

89

90

91

92

93

94

95

96

97

98

99

100

101

102

103

104

105

106

107

108

109

110

111

112

113

114

115

116

117

118

119

120

121

122

123

124

125

126

127

128

129

130

131

132

133

134

135

136

137

138

139

140

141

142

143

144

145

146

147

148

149

150

151

152

153

154

155

156

157

158

159

160

161

162

163

164

165

166

167

168

169

170

171

172

173

174

175

176

177

178

179

180

181

182

183

184

185

186

187

188

189

190

191

192

193

194

195

196

197

198

199

200

201

202

203

204

205

206

207

208

209

210

211

212

213

214

215

216

217

218

219

220

221

222

223

224

225

226

227

228

229

230

231

232

233

234

235

236

237

238

239

240

241

242

243

244

245

246

247

248

249

250

251

252

253

254

255

256

257

258

259

260

261

262

263

264

265

266

267

268

269

270

271

272

273

274

275

27