PRODUCT INFORMATION PACKET

Model No: 184TBDR7001 Catalog No: I108 Air Compressor Motor, 7.50 HP, 1 Ph, 60 Hz, 208-230 V, 3600 RPM, 184T Frame, DP



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Nameplate Specifications

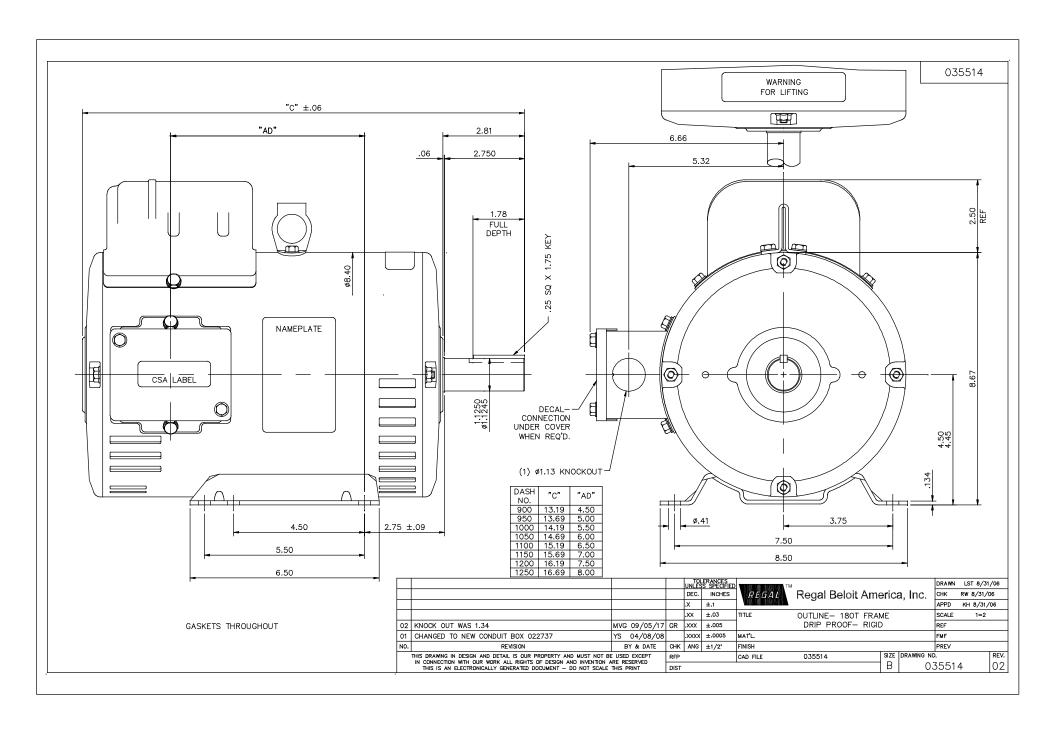
Output HP	7.50 Hp	Output KW	5.6 kW
Frequency	60 Hz	Voltage	208-230 V
Current	34.0-31.0 A	Speed	3450 rpm
Service Factor	1.15	Phase	1
Efficiency	82.5 %	Power Factor	93.5
Duty	Continuous	Insulation Class	F
Design Code	L	KVA Code	н
Frame	184T	Enclosure	Drip Proof
Thermal Protection	No Protection	Ambient Temperature	40 °C
Drive End Bearing Size	6206	Opp Drive End Bearing Size	6205
UL	Recognized	CSA	N
CE	Ν	IP Code	22
Number of Speeds	1		

Technical Specifications

Electrical Type	Capacitor Start Capacitor Run	Starting Method	Across The Line
Poles	2	Rotation	Selective Counterclockwise
Resistance Main	.214 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	т	Overall Length	16.69 in
Frame Length	12.50 in	Shaft Diameter	1.13 in
Shaft Extension	2.81 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	035514-1250	Connection Drawing	0050181-01ME

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CERTIFICATION DATA SHEET

Model#:	184TBDR7001 AA	WINDING#:	K8228 DR 2
CONN. DIAGRAM:	0050181-01ME	ASSEMBLY:	F1 ONLY
OUTLINE:	035514-1250		

TYPICAL MOTOR PERFORMANCE DATA

HP		ĸw		SYNC. F	RPM	F.L. RPM	FRAM	E	ENG	CLOSU	RE K		DE	DESIGN
7 1/2		5.60		3600)	3450	184T	-		DP		Н		L
РН	Hz	z	VOLT	rs f	L AMPS	START TYPE	DUTY		INSL		S.F	A	MB°C	ELEVATION
1	60	0	208-23	30	34-31	ACROSS THE	CONTINUC	JU	F4		1.15		40	3300
FULL LOAD EF			/4 LOAD F		1	AD EFF: 78.3 AD PF: 91.9	i	D. EF	F		ELEC. TYPE		NO	LOAD AMPS
F.L. TO	RQUE		LOCK	ED ROTO	R AMPS	L.R. T	ORQUE	7	B.	D. TOR	QUE	7	F.L.	RISE°C
11.17 L	B-FT			235		26 LB	-FT 233		30) LB-FT	269			53
SOUND PRESS @ 3 FT.	URE	SOUN	D POWE	R RO	DTOR WKA	2 MAX	WK^2	SAF	E STALL	TIME	STA /HO	-	AP	PROX. MOTOR WGT
0 dBA		1(0 dBA	0.	24 LB-FT^2	0.2 LI	B-FT^2		10 SEC.		0			0 LBS.

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	STANDARD	RIGID	HORIZONTAL	FALSE	NONE	FALSE	NONE	GRAY (ENAMEL)

BEAF	RINGS	GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT	FRAME
DE	OPE					MATERIAL	MATERIAL
BALL	BALL	POLYREX EM	т	NONE	NONE	AISI 1045 (C-240)	ROLLED STEEL
6206	6205						

	THERMO-PF	OTECTORS		THERMISTORS	CONTROL	SPACE /n HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
NONE	NOT	NONE	NONE	NONE	FALSE	NONE VOLTS

If Inverter equals NONE, contact factory for further

in	for	ma	atii	nn

INVERTER TORQUE: NONE
INV. HP SPEED RANGE: NONE
ENCODER: NONE
NONE NONE
NONE NONE PPR
BRAKE: NONE NONE
NONE P/N NONE
NONE NONE
NONE FT-LB NONE V NONE Hz

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