

**BALDOR® • RELIANCE** 

**Product Information Packet**

**D2505R**

**5HP, 1750RPM, DC, 1812ATY, TEFC,**

Part Detail							
Revision:	F	Status:	PRD/A	Change #:		Proprietary:	No
Type:	DC	Prod. Type:		Elec. Spec:		CD Diagram:	
Enclosure:		Mfg Plant:		Mech. Spec:		Layout:	609981-001
Frame:		Mounting:		Poles:	00	Created Date:	02-17-2014
Base:		Rotation:	R	Insulation:		Eff. Date:	10-28-2016
Field Type:		Literature:		Elec. Diagram:		Replaced By:	

Specs			
Frame:	C1812ATZ		
Frame Material:	Exposed Laminations		
Agency Approvals:	CCSA US		
Base Indicator:	Rigid		
Bearing Grease Type:	Polyrex EM (-20F +300F)		
Drip Cover:	No Drip Cover		
Feedback Device:	NO FEEDBACK		
Frame Prefix:	C		
Heater Indicator:	No Heater		
Insulation Class:	F		
Lifting Lugs:	Standard Lifting Lugs		
Shaft Extension Location:	Double Shaft		
Shaft Ground Indicator:	No Shaft Grounding		
Shaft Slinger Indicator:	No Slinger		
Motor Standards:	NEMA		

Nameplate 000613006HP			
CAT.NO.	D2505R	SPEC NO.	T18R1005
FR	C1812ATZ	HP	5
ENCL.	TEFC	DUTY	CONT
ENCL MOD		RPM	1750/ 2300
MAX SAFE SPEED		VOLTS	240
		AMPS	18.50
		SER.NO.	
		INSUL	F
		AMB.	40
		POWER CODE	D-50/60
		D.E. BRG.	40BC02J30X
		O.D.E. BRG.	30BC02J30X
		MIN. AMB.	
			TYPE

**FIELD DATA**

WINDING STAB SHUNT

VOLTS 150

MAX AMPS @ 25 C

HOT AMPS

Parts List		
Part Number	Description	Quantity
SA281176	SA T18R1005	1.000 EA
AA015344	AA T18R1005	1.000 EA
000613006HP	NAMEPLATE - RPM III D-C MOTOR W/CSA LOGO	1.000 EA
000692000FP	NP, WARNING LIFT INSTRUCTIONS	1.000 EA
000692000FS	WARNING LABEL	1.000 EA
036170004EA	ROUND HEAD DRIVE SCREW	6.000 EA
406770001	C/D TAG (STAB SHUNT)	1.000 EA
609831002B	ENLAM AM PLAS	2.000 EA
609844001A	BALANCE RING	1.000 EA
610403001A	FAN ALUMINUM	1.000 EA
036170006EA	USE 33775-6EA PER DWG	2.000 EA
609844004A	LEAD SHELF	1.000 EA
609848010A	INSUL, LEAD SHELF	1.000 EA
418007020AC	DC FRAME INSULATION C1812/DC1811/GK1106	1.000 EA
036100012HA	HSHCS M6 12MM UNPLATED	2.000 EA
036610008AB	METRIC LCKW M6 PLTD-G508	2.000 EA
417735001A	SLEEVE	1.000 EA
036000050JB	M8-1,25 X 50 MHHCS	2.000 EA
400638001E	WWSHR	1.000 EA
801759052B	BRKT,DE,C180	1.000 EA
032018004AK	HHCS 1/4-20X1/2 PLATED	6.000 EA
032018004CK	HHCS 3/8-16X1/2L PLATED	3.000 EA
032018006AK	HHCS 1/4-20X3/4L PLATED	6.000 EA
032018008CK	HHCS 3/8-16X1L PLATED	4.000 EA

Parts List (continued)		
Part Number	Description	Quantity
034001012AB	WSHR 1/4" PLATED	12.000 EA
034017014AB	LCKW 3/8 STD. PLATED	4.000 EA
034180010DA	KEY 1/4X1/4X1-1/4L	1.000 EA
036000012JB	M8-1.25 X 12MM HXHDC	1.000 EA
036000012JB	M8-1.25 X 12MM HXHDC	4.000 EA
078546001NA	EXT FAN 7.50 OD&1.126 DIA BORE 78546-1G	1.000 EA
412043012B	400G BUTTON	1.000 EA
415072001A	CLAMP	1.000 EA
417733001A	GSK C/ BOX BASE	1.000 EA
418018074A	GROUND LABEL G100 METRIC 160 D.C.	1.000 EA
609878001A	GRILL, FAN	1.000 EA
705031005A	SHROUD	1.000 EA
705031005C	SHROUD	1.000 EA
801766002A	FNCVR	1.000 EA
034530010AB	1/8 X 1.25 PIPE NIPPLE	1.000 EA
034630001AJ	1/8" PIPE COUPLING	1.000 EA
034693001AB	PPLG - G508- use 034692001AB	1.000 EA
034693001AB	PPLG - G508- use 034692001AB	1.000 EA
035000001A	ALFTG 1/8" 1610-BL	1.000 EA
035000001A	ALFTG 1/8" 1610-BL	1.000 EA
036000050HB	MHHCS M6X50MM PLATED	2.000 EA
036500009AB	METRIC NUTM8-1.25PLTD-360	4.000 EA
036500009AB	METRIC NUTM8-1.25PLTD-360	4.000 EA
048977006B	GRFTG - XP	1.000 EA

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418150003A	GREASE FITTING CAP	2.000 EA
609830005L	TBOLT METRIC RP609830-	4.000 EA
801758052A	BRKT,ODE,C180	1.000 EA
036000025HB	HHCS M6-1.0X25L PLTD.	4.000 EA
036601008AB	M6 FLAT WASHER	4.000 EA
036610008AB	METRIC LCKW M6 PLTD-G508	4.000 EA
419904051AB	BRUSH EXTRUDER DUTY C	2.000 EA
036000012HB	HHCS M6X12MM LONG PLATED	2.000 EA
036620009AB	M8 EXTERNAL LK WASHER	1.000 EA
065530000B	GASK	1.000 EA
075451000A	COVER, CONDUIT BOX	1.000 EA
422919158	CVRKT BE	1.000 EA
422919158	CVRKT BE	1.000 EA
422919158	CVRKT BE	1.000 EA
422919172	HHCVR KIT,C180,ODE,SOLID	1.000 EA
422919172	HHCVR KIT,C180,ODE,SOLID	1.000 EA
422919183	CVRKT FE	1.000 EA
422919183	CVRKT FE	1.000 EA
706320003A	CONDUIT BOX	1.000 EA
000640000P	TAG WINDING THERMOST	1.000 EA
000692000NF	NP 2POLE METRIC LABEL	1.000 EA
034180014EA	KEY 5/16X5/16X1-3/4L	1.000 EA
036000012HB	HHCS M6X12MM LONG PLATED	2.000 EA
032018010AK	HHCS 1/4-20X1-1/4L PLTD.	4.000 EA
036501008AB	KPNUT M6-1.0 ZINCPLETED	4.000 EA
036600008AB	MFWSH M6 PLATED	4.000 EA

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706364051AA	BRHLD METRIC SPRING CHG.	2.000 EA
706372003B	ROCKR	1.000 EA
MG5047	VARNISH 004824-001HM	0.200 GA
MG1025N19	WILKOFAS, 778.50, RELIANCE BLUE-GREEN	0.200 GA
PA1100	PACK FOR #1 SKID; CUSTOM	1.000 EA
LB1171	LABEL CARTON 6X6 ON LINE BLANK	1.000 EA
482413010Y	#10 SLEEVING (GREEN)	6.000 FT
482413015Y	#15 SLVG	6.000 FT
482413010Y	#10 SLEEVING (GREEN)	6.000 FT
041009029D	12-10BUTT CONNECTOR 350 J	3.000 EA
041009029D	12-10BUTT CONNECTOR 350 J	3.000 EA
041009029B	CONNECTOR, RTD	4.000 EA
MN604	INSTALLATION MANUAL, RPM III DC DC180-DC	1.000 EA
415000003G	GROUND LUG	1.000 EA

