



Product Information Packet

D2005P

5HP, 1750RPM, 240V, DKPG, L186AT

Part Detail							
Revision:	D	Status:	PRD/A	Change #:		Proprietary:	No
Type:	DC	Prod. Type:		Elec. Spec:		CD Diagram:	
Enclosure:		Mfg Plant:		Mech. Spec:		Layout:	875
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:	L186AT		
Frame Material:	Steel		
Agency Approvals:	CSA		
Base Indicator:	Rigid		
Bearing Grease Type:	No Grease		
Drip Cover:	No Drip Cover		
Feedback Device:	NO FEEDBACK		
Frame Prefix:	L		
Heater Indicator:	No Heater		
Insulation Class:	F		
Lifting Lugs:	Standard Lifting Lugs		
Shaft Extension Location:	Pulley End		
Shaft Ground Indicator:	No Shaft Grounding		
Shaft Slinger Indicator:	No Slinger		
Motor Standards:	NEMA		

Nameplate NP1734

CAT.NO.	D2005P	MODEL	T18R8005				
HP	5	RPM	1750/ 2300	FRAME	L0186AT		
ARM V	240	ARM A	17.70	WOUND	STR. SHUNT		
FLD V	150/ 300	FLD A	.74-.36/.37-.18				
CONN		OHMS		CL	F		
ENCL	DPFG	DUTY	CONT	MX AMB	40		
P CODE	D	CTSR		SER.F.	1.0		
S/N		E/S	K00007A A				
O.D.E. BRG.	6205	D.E. BRG.	6206	BRUSH	18044-4	QTY	2

Parts List		
Part Number	Description	Quantity
SA279601	SA T18R8005	1.000 EA
AA015321	AA T18R8005	1.000 EA
NP1734	NPL,BALDOR DC MTR ALUMINUM	1.000 EA
15209	LABEL CONNECTIONS & TERMINAL MARKIN	1.000 EA
18010-3	ARM END LAM.	2.000 EA
032018004BK	HHCS 5/16-18X1/2 PLATED	2.000 EA
18017-1	BALANCE RING,STAMPING 7 GA (.188 THK)	2.000 EA
18416-1	FAN, MACH, 180 SERIES	1.000 EA
ME3002A06	COMMUTATOR ISOLATOR FOR 18043 COMM	1.000 EA
032018012CK	HHCS 3/8-16X1-1/2 PLTED	4.000 EA
032018012CK	HHCS 3/8-16X1-1/2 PLTED	4.000 EA
046001026F	THERMOSTAT	1.000 EA
18040-1	INTERPOLE STACK	2.000 EA
424504002BA	SHIM PACKAGE	1.000 EA
424508001A	BALDOR ROUND DC FRAME INSULATION B/M	1.000 EA
032130024BA	HSHCS	4.000 EA
18032	FE BRACKET, MACH, FR 180	1.000 EA
032130008BA	5/16-18 X 1.0 HSHCS	4.000 EA
15490	LIFTING LUG,180 FRAME	2.000 EA
18082-1	BRACKET	1.000 EA
HW5100A05	WVY WSHR F/205 & 304 BRGS	1.000 EA
032018004AK	HHCS 1/4-20X1/2 PLATED	2.000 EA
034000012AB	WSHR 1/4 STD. PLATED	2.000 EA
034017012AB	LCKW 1/4 STD. PLATED	2.000 EA

Parts List (continued)		
Part Number	Description	Quantity
18006	BRUSH ROCKER ASSY FRAME 180SERIES	1.000 EA
18044-4SP	BRUSH,GR.E41,210 SER.SGL/CARBON #688K-01	2.000 EA
032018004AK	HHCS 1/4-20X1/2 PLATED	6.000 EA
032018006DK	HHCS 1/2-13X3/4 PLATED	4.000 EA
15021-1	ACCESSORY FACE COVER FRAME 180-500 SERIE	1.000 EA
150449-25	T BOX GRD STUD ARG 1/4 20 DIA. STUD	1.000 EA
18019	TERMINAL BOX COVER FRAME 180	1.000 EA
18020	BRUSH VENT COVER FR 18 SERIES #18 GA ST	1.000 EA
18020	BRUSH VENT COVER FR 18 SERIES #18 GA ST	1.000 EA
18026	GASKET,T BOX COVER,FR.1803/32 THK CORK/N	1.000 EA
18027	GASKET,ACCESS CVR,FR.180 3/32 THK DC205(	2.000 EA
18033	FAN VENT GARD-BOTTOM FR 18 SERIES,	1.000 EA
18034	FAN VENT GUARD-SIDE FR 18 SERIES,	2.000 EA
WD4100A34	CAPLUG IN T-SERIES T12	1.000 EA
MG1025G05	WILKOFEST, 789.227, MED. GRAY CHAR. MET.	0.100 GA
034180011DA	1/4 SQ X 1.375 KEY	1.000 EA
PA1100	PACK FOR #1 SKID; CUSTOM	1.000 EA
MG5047	VARNISH 004824-001HM	0.200 GA
LB1171	LABEL CARTON 6X6 ON LINE BLANK	1.000 EA
482413015Y	#15 SLVG	6.000 FT
482413010Y	#10 SLEEVING (GREEN)	6.000 FT
041009029B	CONNECTOR, RTD	4.000 EA
041009029D	12-10BUTT CONNECTOR 350 J	3.000 EA
MN605	INTEGRAL HP DC MOTORS 2/09	1.000 EA

Accessories		
Part Number	Description	Multiplier
90EP5000A02	C-FACE CONVERSION KIT FOR STOCK MTR,FR 1	

CUSTOMER NAME				MODEL NO.			MTG.		REMARKS:		
CUSTOMER P.O.				FRAME		R.P.M.		PHASE		INSUL	
CERTIFIED BY				H.P.		TYPE		FREQ.		AMB.	
DATE											

1/2-13UNC-2B THD X .75 DEEP
4-HOLES EQ. SPACED AT 90°
ON A 7.250 DIA. B.C.

3/8-16UNC-2B THD
X .88 DEEP IN SHAFT
END.

45°

ACCESSORY MTG. FACE

STANDARD COMM END
FOR SINGLE SHAFT EXTENSION

FRAME	FOOT MOUNTING						D.E. SHAFT EXTENSION						DRIVE KEY		ACC SHAFT EXTENSION			ACC KEY		FRAME								ARM APPROX. WK ² LBS.FT. ²	APPROXIMATE WEIGHT
	BA	E	2F	G	H	J	N	N-W	U	V	W	KEY-SQ.	KEY-LONG	FN	FU	FV	KEY-SQ.	KEY-LONG	A	B	C	FC	D	O	P				
L182AT	2.75	3.75	4.50	.38	.406	1.50	2.90	2.77	1.125	2.50 ³	.13	.250	1.38	2.28	.875	2.03	.188	1.38	8.81	5.75	15.81	17.37	4.50 ²	8.94	8.88	.28	84 ⁵		
L186AT	2.75	3.75	7.00	.38	.406	1.50	2.90	2.77	1.125	2.50 ³	.13	.250	1.38	2.28	.875	2.03	.188	1.38	8.81	8.25	19.31	20.87	4.50 ²	8.94	8.88	.67	159 ⁵		
1810AT	2.75	3.75	11.00	.38	.406	1.50	2.90	2.77	1.125	2.50 ³	.13	.250	1.38	2.28	.875	2.03	.188	1.38	8.81	12.25	22.21	23.78	4.50 ²	9.00	9.00	1.0	195 ⁵		

1) SHAFT DIAMETERS TO 1.500 TOLERANCE +.0000 - .0005
SHAFT DIAMETERS ABOVE 1.500 TOLERANCE +.0000 - .0010
SHAFT DIAMETERS TO 1.625 RUNOUT .002 T.I.R. MAX.
SHAFT DIAMETERS ABOVE 1.625 RUNOUT .003 T.I.R. MAX.

2) 'D' DIMENSION TOLERANCE +.000 - .030

3) 'V' DIMENSION IS MAX. HUB LENGTH ON SHAFT

4) CONDUIT BOX CAN BE ROTATED IN 90° STEPS ON ITS OWN AXIS.

5) TOTAL WEIGHT OF MOTOR.

6) ALL DIMENSIONS NOT NOTED ARE NOMINAL DIMENSIONS CONSULT
FACTORY FOR TOLERANCES.

FOR F1 OR F2 CONDUIT BOX
LOCATION SEE SALES ORDER

DESIGNER
CSL
7-19-91

ENGINEER
RFL
7-19-91

ENGINEER
DAG
7-19-91

BALDOR

TITLE: DIMENSION SHEET
DPFG, STD AT

MANUF.
RWT
7-19-91

A	19032	REDRAWN	CSL	7-19-1991	MANUF.	RWT	7-19-91
REV.	ECO.	DESCRIPTION	BY	DATE			

PART NUMBER
875

DWG. SIZE
A

REV.
A