

BALDOR® • RELIANCE 

Product Information Packet

D5015P

15HP, 1750/2300RPM, DC, 258AT, DPFG, F1

Part Detail							
Revision:	E	Status:	PRD/A	Change #:		Proprietary:	No
Type:	DC	Prod. Type:		Elec. Spec:		CD Diagram:	
Enclosure:		Mfg Plant:		Mech. Spec:		Layout:	876-1
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:	258AT		
Frame Material:	Steel		
Agency Approvals:	CSA		
Base Indicator:	Rigid		
Bearing Grease Type:	Polyrex EM (-20F +300F)		
Drip Cover:	No Drip Cover		
Feedback Device:	NO FEEDBACK		
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.	D5015P			MODEL	T25R8003					
HP	15	RPM	1750/ 2300		FRAME	258AT				
ARM V	500	ARM A	25.20		WOUND	STR. SHUNT				
FLD V	150/ 300	FLD A	2.78-1.58/1.39-.79							
CONN		OHMS				CL	F			
ENCL	DPFG	DUTY	CONT			MX AMB	40			
P CODE	D	CTSR				SER.F.	1.0			
S/N			E/S	K00036A A						
O.D.E. BRG.	6207	D.E. BRG.	6209	BRUSH	150986-25-1				QTY	2

Parts List		
Part Number	Description	Quantity
SA281206	SA T25R8003	1.000 EA
AA015374	AA T25R8003	1.000 EA
NP1734	NPL,BALDOR DC MTR ALUMINUM	1.000 EA
15209	LABEL CONNECTIONS & TERMINAL MARKIN	1.000 EA
032018004BK	HHCS 5/16-18X1/2 PLATED	2.000 EA
25017-1	FAN MACHINING FRAME 25 SERIES	1.000 EA
25029	BALANCE RING,4.19"OD X 3.130"ID,7GA STEE	2.000 EA
034141177AA	EXT SNAP RING	1.000 EA
034180052DA	KEY 1/4 SQ X 6.50"	1.000 EA
25028	ROTOR WASHER FRAME 25 SERIES	1.000 EA
25028	ROTOR WASHER FRAME 25 SERIES	1.000 EA
613410001B	BDSHF	1.000 EA
032018016CK	HHCS 3/8-16X2 PLATE	4.000 EA
032018016CK	HHCS 3/8-16X2 PLATE	4.000 EA
046001026F	THERMOSTAT	1.000 EA
25022-2	INTERPOLE STACK	2.000 EA
424504008CB	SHIM PACKAGE M2	1.000 EA
424508150A	BALDOR ROUND DC FRAME INSULATION B/M	1.000 EA
034141137AA	SNAP RING	1.000 EA
15094	DISHED LOCKWASHER .332 ID, .865 OD	2.000 EA
032130010CA	3/8-16 X 1.25 HSHCS	4.000 EA
25066-6	FE BRKT MACH FR 250 FOR LOCKED ODE	1.000 EA
HW5100A09	W3328-036 WVY WSHR (WB)	1.000 EA
032018003AK	HHCS 1/4-20X3/8L PLATED	4.000 EA

Parts List (continued)		
Part Number	Description	Quantity
032018004AK	HHCS 1/4-20X1/2 PLATED	4.000 EA
15599-37	DRIVE SCR,#10 X.37 TYPE UPLATED STEEL	5.000 EA
25106	TERMINAL BOX HOLE COVER, FR 250	1.000 EA
25108-1	GASKET,TERM BOX,1/8"CORK NEOPRENE(DC-205	2.000 EA
28022-1	VENT GUARD,WITH LOUVERS	1.000 EA
482415000A	GREASE (MOBIL POLYREX EM)	1.360 LB
032130010CA	3/8-16 X 1.25 HSHCS	4.000 EA
032130016AA	HSHCS	2.000 EA
035000001A	ALFTG 1/8" 1610-BL	1.000 EA
035000001A	ALFTG 1/8" 1610-BL	1.000 EA
25034-6	CE BRKT MACH FR 250 LOCK ODE BRG	1.000 EA
HW4500A17	317400 ALEMITE GREASE RELIEF	1.000 EA
HW4500A17	317400 ALEMITE GREASE RELIEF	1.000 EA
032018004BK	HHCS 5/16-18X1/2 PLATED	2.000 EA
15094	DISHED LOCKWASHER .332 ID, .865 OD	2.000 EA
150986-25-1	BRUSH,250 FR. SERIES E-41,HELWIG CARB.PR	2.000 EA
25686-1	ROCKER RING ASSY FR 250	1.000 EA
032018004AK	HHCS 1/4-20X1/2 PLATED	2.000 EA
032018004AK	HHCS 1/4-20X1/2 PLATED	28.000 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
25036-1	ACCESS COVER ODE, FR 250 SERIES	1.000 EA
25048-1	CVR GASKET,CE,FR-250 3/32 THK CORK/N	3.000 EA

Product Information Packet: D5015P - 15HP,1750/2300RPM,DC,258AT,DPFG,F1

25048-2	CVR GASKET,FE,FR-250 3/32 THK CORK/NEO	3.000 EA
25062-1	LOUVER COVER,CE,FR-250 18GA C.R. STEEL	2.000 EA
25062-2	LOUVER COVER,FE,FR-250 18GA C.R. STEEL	3.000 EA
25109	TERMINAL BOX BASE FR 250	1.000 EA
25110	TERMINAL BOX COVER FR 250	1.000 EA
25111	GASKET,COVER,1/8"THK CORK/NEOPRENE (DC-2	1.000 EA
MG1025G05	WILKOFAS, 789.227, MED. GRAY CHAR. MET.	0.100 GA
034180018FA	KEY 3/8 SQ X 2.25"	1.000 EA
PA1100	PACK FOR #1 SKID; CUSTOM	1.000 EA
MG5047	VARNISH 004824-001HM	0.200 GA
609848007C	NOMEX WASHER, ROUND DC 2POLE ODE	1.000 EA
LB1171	LABEL CARTON 6X6 ON LINE BLANK	1.000 EA
482413015Y	#15 SLVG	6.000 FT
482413009Y	#9 SLEEVING (GREEN)	6.000 FT
041009029B	CONNECTOR, RTD	4.000 EA
041009029E	#8 BUTT CONNECTOR	3.000 EA
MN605	INTEGRAL HP DC MOTORS 2/09	1.000 EA

Accessories		
Part Number	Description	Multiplier
92EP5000A01	C-FACE CONVERSION KIT FOR STOCK MTR,FR 2	

876-1

1/2-13UNC-2B THD X 1.00 DEEP
4-HOLES EQUALLY SPACED
ON A 7.250 DIA. B.C.

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

45°

8.498
8.500
DIA.

.40
.19

ACCESSORY 'C' FACE

1.1245
1.1250
DIA.

STANDARD COMM END
FOR SINGLE SHAFT EXTENSION

FC
C
.75 ACCESSORY 'C' FACE
.40
.19
FN
FU
FV
AIR IN
AIR OUT
BS
2F
B
BA
N-W
U
V
XL
AF
HOLE FOR 'AA' CONDUIT
P
AB
AC
A
D
O
2E
J
E

FRAME	FOOT MOUNTING						D.E. SHAFT EXTENSION						DRIVE KEY		ACC SHAFT			ACC KEY		FRAME					
	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
218AT	3.50	4.25	10.00	.50	.406	2.00	3.00	2.75	1.375	2.50 ³	.25	.312	1.75	2.44	1.125	2.19	.250	2.25	10.38	11.00	24.25	25.93	5.25 ²	10.47	10.44
219AT	3.50	4.25	11.00	.50	.406	2.00	3.00	2.75	1.375	2.50 ³	.25	.312	1.75	2.44	1.125	2.19	.250	2.25	10.38	12.00	25.25	26.93	5.25 ²	10.47	10.44
2110AT	3.50	4.25	12.50	.50	.406	2.00	3.00	2.75	1.375	2.50 ³	.25	.312	1.75	2.44	1.125	2.19	.250	2.25	10.38	13.50	26.75	28.43	5.25 ²	10.47	10.44
258AT	4.25	5.00	12.50	.69	.531	2.25	3.44	3.25	1.625	3.00 ³	.19	.375	2.31	3.33	1.375	3.08	.312	3.00	12.38	14.00	27.25	29.84	6.25 ²	12.47	12.44
259AT	4.25	5.00	14.00	.69	.531	2.25	3.44	3.25	1.625	3.00 ³	.19	.375	2.31	3.33	1.375	3.08	.312	3.00	12.38	15.50	28.75	31.34	6.25 ²	12.47	12.44
2510AT	4.25	5.00	16.00	.69	.531	2.25	3.44	3.25	1.625	3.00 ³	.19	.375	2.31	3.33	1.375	3.08	.312	3.00	12.38	17.56	30.75	33.34	6.25 ²	12.47	12.44
2513AT	4.25	5.00	22.00	.69	.531	2.25	3.44	3.25	1.625	3.00 ³	.19	.375	2.31	3.33	1.375	3.08	.312	3.00	12.38	23.50	36.75	39.34	6.25 ²	12.47	12.44

FRAME	CONDUIT BOX						ARM APPROX. WK ² LBS.FT. ²	APPROXIMATE WEIGHT	
	AA	AB	AC	AF	BS	XL			XN
218AT	3/4-1	7.91	6.44	2.44	8.38	3.81	3.12	1.35	242 ⁵
219AT	3/4-1	7.91	6.44	2.44	9.38	3.81	3.12	1.49	260 ⁵
2110AT	3/4-1	7.91	6.44	2.44	10.88	3.81	3.12	1.71	286 ⁵
258AT	1 1/4	9.35	7.72	2.94	9.75	4.94	4.00	2.91	366 ⁵
259AT	1 1/4	9.35	7.72	2.94	11.25	4.94	4.00	3.31	411 ⁵
2510AT	1 1/4	9.35	7.72	2.94	13.25	4.94	4.00	3.80	471 ⁵
2513AT	1 1/4	9.35	7.72	2.94	19.25	4.94	4.00	5.27	532 ⁵

- 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.
- 'D' DIMENSION TOLERANCE +.000 - .060
- 'V' DIMENSION IS MAX. HUB LENGTH ON SHAFT
- CONDUIT BOX CAN BE ROTATED IN 90° STEPS ON ITS OWN AXIS.
- TOTAL WEIGHT OF MOTOR.
- ALL DIMENSIONS NOT NOTED ARE NOMINAL DIMENSIONS CONSULT FACTORY FOR TOLERANCES.

FOR F1 OR F2 CONDUIT BOX LOCATION SEE SALES ORDER

876-1

CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT BALDOR'S PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION.

REV. DESC: REV. "D" DIM TO +.000 - .060 ONLY	VERSION: 01	TDR: 000000752566
REV. LTR: B	REvised: 09: 35: 03 06/20/2012	BY: RGGNAS
FILE: \RGG\00019\505		
MTL: -		

BALDOR

DIM SHEET, 218AT-2513AT, DPFG, STD

SH 1 of 1