

BALDOR® • RELIANCE

Product Information Packet

D5025P

25HP,1750/2300RPM,DC,287-8AT,DPFG,F

Part Detail							
Revision:	H	Status:	PRD/A	Change #:		Proprietary:	No
Type:	DC	Prod. Type:		Elec. Spec:		CD Diagram:	
Enclosure:		Mfg Plant:		Mech. Spec:		Layout:	1757
Frame:		Mounting:	F1	Poles:	00	Created Date:	04-09-2015
Base:		Rotation:	R	Insulation:		Eff. Date:	10-28-2016
Field Type:		Literature:		Elec. Diagram:		Replaced By:	

Specs			
Frame:	287AT		
Frame Material:	Steel		
Agency Approvals:	CSA		
Bearing Grease Type:	Polyrex EM (-20F +300F)		
Drip Cover:	No Drip Cover		
Feedback Device:	NO FEEDBACK		
Heater Indicator:	No Heater		
Lifting Lugs:	Standard Lifting Lugs		
Mounting Arrangement:	F1		
Shaft Extension Location:	Pulley End		
Shaft Ground Indicator:	No Shaft Grounding		
Shaft Slinger Indicator:	No Slinger		
Motor Standards:	NEMA		

Nameplate NP1734

CAT.NO.	D5025P		MODEL	T28R8002	
HP	25	RPM	1750/ 2300	FRAME	287-8AT
ARM V	500	ARM A	43.40	WOUND	STR. SHUNT
FLD V	150/ 300	FLD A	3.30-1.96/1.65-.98		
CONN		OHMS		CL	F
ENCL	DPFG	DUTY	CONT	MX AMB	40
P CODE	D	CTSR		SER.F.	1.0
S/N			E/S	K0073A B	
O.D.E. BRG.	6209	D.E. BRG.	6210	BRUSH	28610-2
				QTY	2

CUSTOMER NAME

CUSTOMER P.O.

CERTIFIED BY

DATE

MODEL NO.

FRAME

H.P.

R.P.M.

TYPE

VOLTS

ENCL

MTG.

PHASE

FREQ.

REMARKS:

INSUL

AMB.

UNITS: INCH

SCALE: NONE

PROPORTION: NONE

PART NUMBER 1757

DWG. SIZE A

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°

1.1245
1.1250
DIA.

.40

.19

ACCESSORY
'C' FACE

STANDARD COMM END
FOR SINGLE SHAFT EXTENSION

FC

C

.75 ACCESSORY 'C' FACE

.40

.19

8.498
8.500
DIA.

FU

FV

FN

AIR IN

25

BS

2F (287)

2F (288)

B

XN

N

U

V

W

N-W

BA

(6)H HOLE DIA.

P

AB

AC

XL

AF

G

J

E

2E

A

O

D

HOLE FOR
'AA' CONDUIT

FOOT MOUNTING							D.E. SHAFT EXTENSION						DRIVE KEY		ACC SHAFT EXTENSION			ACC KEY		FRAME						
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
			287	288																						
287-BAT	4.75	5.50	12.50	14.00	.69	.531	2.50	3.91	3.75	1.875	3.50 ³	.16	.500	2.50	3.44	1.625	3.19	.375	2.44	13.81	15.62	31.00	33.71	7.00 ²	13.88	13.75

FRAME	CONDUIT BOX							ARM APPROX. WK ² LBS.FT. ²	APPROXIMATE WEIGHT
	AA	AB	AC	AF	BS	XL	XN		
287-BAT	1 1/4	11.88	9.25	5.00	10.89	7.88	5.25	4.67	506 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
RL
11-12-92

ENGINEER
RFL
11-12-92

ENGINEER
DAG
11-12-92

MANUF.
RWT
11-12-92

BALDOR

TITLE: DIMENSION SHEET
287-8AT,DPFG

REV. ECO.

29996 NEW RELEASE

DESCRIPTION

RL

11-12 1992

BY DATE

PART NUMBER
1757

DWG. SIZE
A

REV