

BALDOR® • RELIANCE

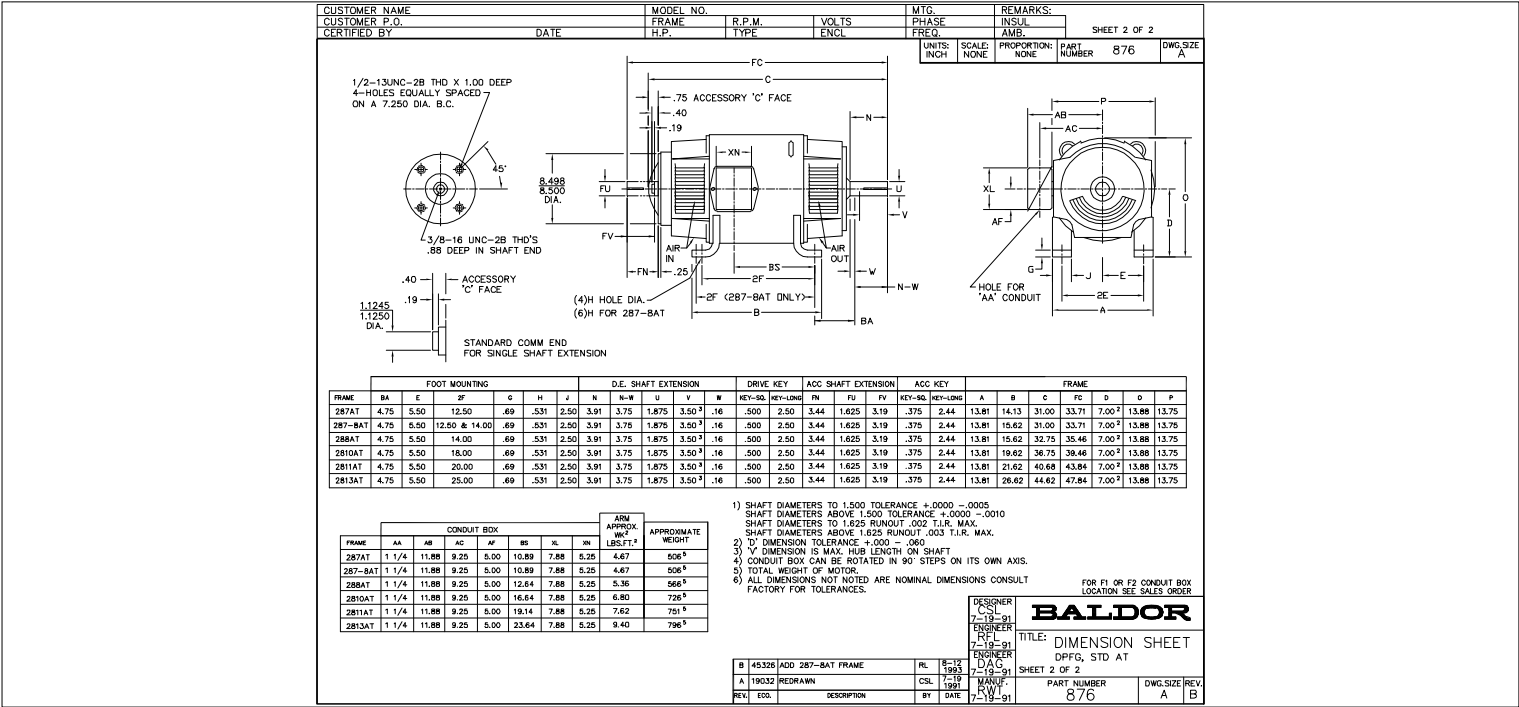
Product Information Packet

D5030P

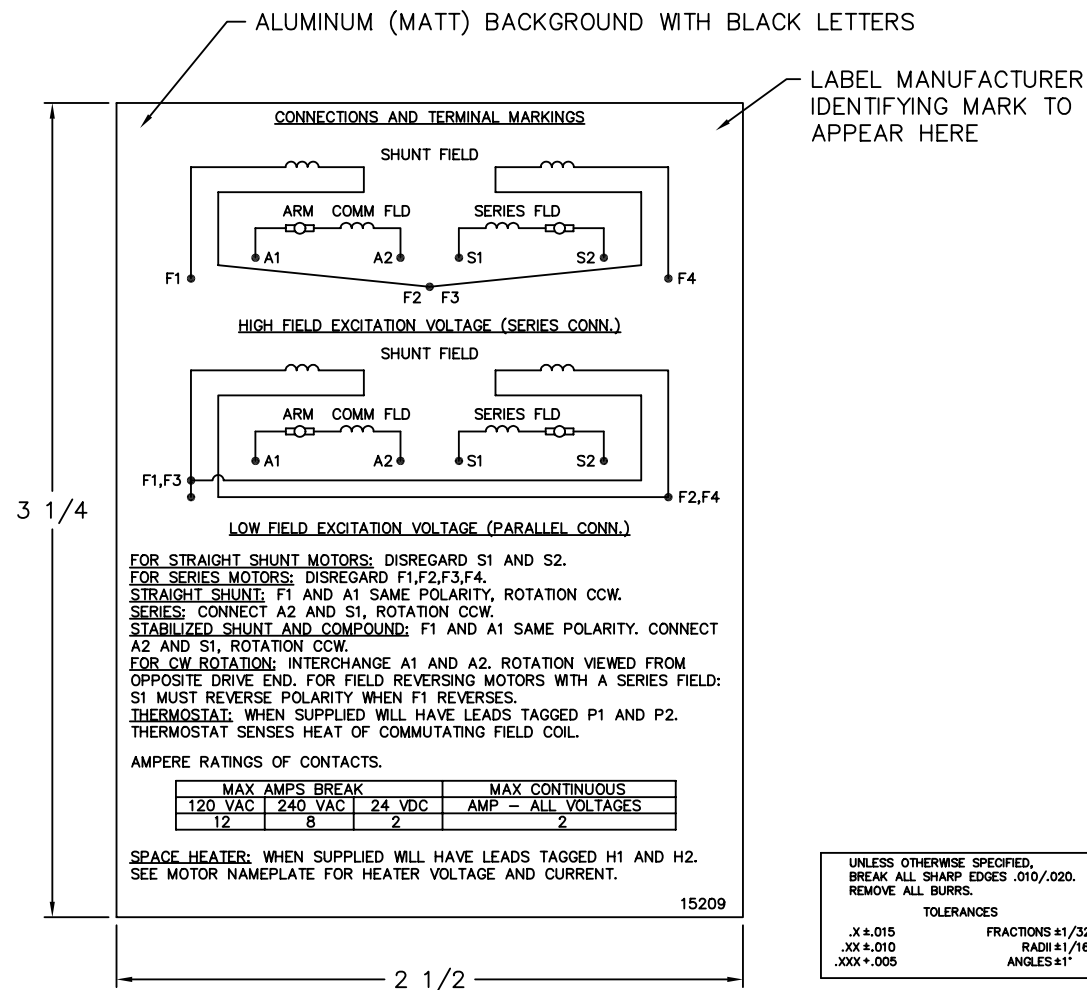
30HP,1750/2300RPM,DC,288AT,DPFG,F1

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Part Detail			
Type:	DC	Prod. Type:	T
Power Code:	D	Weight:	590
Frame Group:	0288AT	Mounting Pos.:	F1
HP:	30	Enclosure:	DPFG
RPM:	1750/2300	Wound:	STR. SHUNT
Service Factor:	1.0	Arm V:	500
Arm A:	50.00	Field V:	150/ 300
Field A:	6.48/3.24	Field A Hot:	4.00-2.42/2.00-
Insulation Class:	F	Ambient:	40
Duty:	CONT	DE Bearing:	6210
ODE Bearing:	6209	Brushes:	15017-2
Brush Qty.:			



15209



NOTE:
 MATERIAL .005 MINIMUM FULL HARD ALUMINUM DULL FINISH.
 TEMP. RANGE -20°C TO +125°C MAXIMUM.
 FOR INDOOR AND OUTDOOR MOUNTING BACK.
 METAL, PRESSURE SENSITIVE BACK. MUST MEET CSA STANDARD.
 THE CSA IDENTIFYING MARK OF THE LABEL MANUFACTURER MUST APPEAR IN THE UPPER RIGHT HAND CORNER AS INDICATED.

MATL: NOTED			
REV:	G	CHANGE ALL "NAMEPLATE" TEXT TO "LABEL"	
60291	SCALE: -	BY: BKW	REVISED: 02/19/97
	FILE: CHB00002485	TDR: 0115147	

BALDOR ELECTRIC Co.

LABEL, CONNECTIONS AND TERMINAL MARKINGS DC

15209

REL. S.O.	FRAME	RATING	RPM	ARM. VOLTS	ARM. AMPS
	288	30.0HP	1750	500	50.0
WINDING TYPE					
	S.F.	ENCL.	AMB °C/INSUL	DUTY	FIELD VOLTS
STRAIGHT SHUNT	1.0	DPG	40/F	CONT	300
POWER CODE					
	TYPE	WK ² (LB-FT ²)	HOT ARM. CIR. RES.	FLD. AMPS@25 °C	HOT FIELD RES
D	T	4.420	.650	3.24	149
ARM. CIR. IND. (mh)					
	FIELD IND. (H)	COOLING AIR (CFM/IN H ² O)		TURNS PER COIL SHUNT/SERIES	TEST DATE
11.3	49.8	-/-		2300/.00000	-
LOAD PERFORMANCE					
LOAD	AMPERES	TORQUE IN LB.-FT.	OUTPUT IN HP	RPM	% EFFICIENCY
NO LOAD	1.4	0	0	1843	0
1/4	13	20.9	7.25	1818	77.2
2/4	25	44.2	15.2	1799	84.8
3/4	38	66.5	22.7	1794	86.5
4/4	50	87.7	30.0	1794	86.5
O.L.	75	126	43.5	1818	84.6
RPM VS. FIELD AMPS					
FIELD AMPS	RPM N.L.	RPM F.L.	Eg N.L. @ BASE SPEED	Eg F.L. @ BASE SPEED	
2.00	1843	1793	472	453	
1.80	1855	1868	466	435	
1.61	1898	1968	455	413	
1.41	1981	2105	437	386	
1.21	2116	2300	411	354	
REMARKS: TYPICAL DATA					

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DR. BY E. H. GILLLOT
CK. BY B. GRANT
APP. BY R. ERLACHER
DATE 05-05-2009

D-C MOTOR
PERFORMANCE
DATA
DK0074A
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