

PRODUCT INFORMATION PACKET



Model No: C4T17DC52A

Catalog No: 103725.00

3/4HP..1725RPM.S56J.DP.230/460V.3PH.60HZ.CONT.40C.1.25SF.C-FACE.C4T17DC52.....JET
PUMP.NONE.....

Jet Pump



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Nameplate Specifications

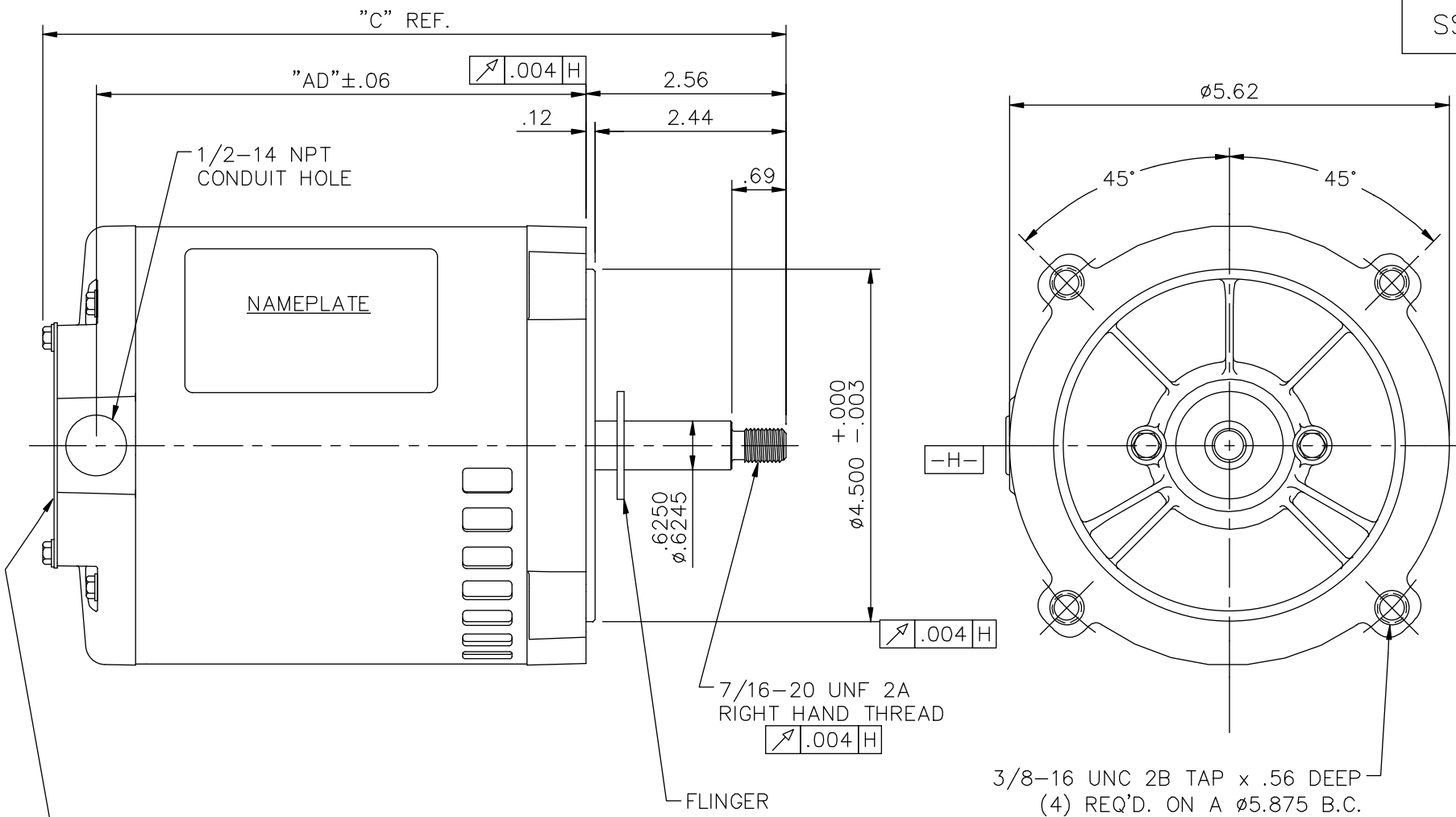
Output HP	0.75 Hp	Output KW	0.56 kW
Frequency	60 Hz	Voltage	230/460 V
Current	2.8/1.4 A	Speed	1725 rpm
Service Factor	1.25	Phase	3
Efficiency	75.5 %	Duty	Continuous
Insulation Class	B	Design Code	NO DESIGN CODE
KVA Code	L	Frame	S56J
Enclosure	Drip Proof	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	6203
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Y	CE	N
IP Code	12		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Mounting	Round	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Shaft Type	J
Overall Length	11.00 in	Frame Length	6.50 in
Shaft Diameter	0.625 in	Shaft Extension	2.44 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	SS404006LE-650	Connection Diagram	005010.01

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SS404006LE



DASH NO.	"C"	"AD"	DASH NO.	"C"	"AD"
500	9.50	6.25	600	10.50	7.25
525	9.75	6.50	625	10.75	7.50
550	10.00	6.75	650	11.00	7.75
575	10.25	7.00	675	11.25	8.00

TOLERANCES UNLESS SPECIFIED	
DEC.	INCHES
.X	±.1
.XX	±.03
.XXX	±.005
.XXXX	±.0005



ELECTRIC MOTORS
GEARMOTORS
AND DRIVES

DRAWN	SVL 3-20-13
CHK	
APPD	
SCALE	1=2
REF	031801
FMF	103725.00
PREV	

TITLE
OUTLINE - S56J FRAME
RIGID "C" FACE - DRIP PROOF

MAT'L.
3 PHASE

NO.	REVISION	BY & DATE	CHK	ANG
			RFP	3-20-13
			DIST	

CAD FILE	SS404006LE	SIZE	DRAWING NO.	REV.
		A	SS404006LE	

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005010-01

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



VOLTAGE	L1	L2	L3	JOIN & INSULATE
HIGH	T1	T2	T3	(T4,T7) (T5,T8) (T6,T9)
LOW	T1,T7	T2,T8	T3,T9	T4,T5,T6

				TOLERANCES UNLESS SPECIFIED		REGAL ™ Regal Beloit America, Inc.		DRAWN RDW 04/12/02		
				DEC.	INCHES			CHK		
				.X	±.1			APPD		
				.XX	±.01			SCALE 1=1		
				.XXX	±.005	TITLE		EXTERNAL WIRING DIAGRAM		
				.XXXX	±.0005	MAT'L.		DECAL - 004014		
				ANG	±1/2°	FINISH		REF FIG.2-51		
A	UPDATED TO REGAL LOGO			SAJ	06/26/15	AJY	.XXXX	±.0005	FMF	
NO.	REVISION			BY & DATE	CHK	ANG	±1/2°	PREV		
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				DIST	BRF-NLV			A	005010-01	A

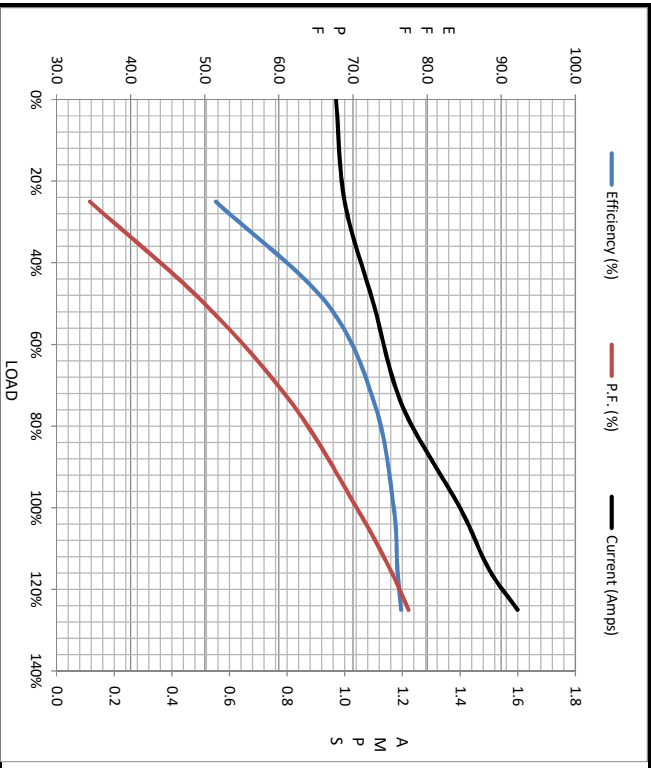


Motor Load Data						
Load	0%	25%	50%	75%	100%	LR
Current (Amps)	0.97	1.00	1.10	1.20	1.40	9.0
Torque (ft-lb)	0.00	0.55	1.10	1.70	2.28	8.8
RPM	1800	1780	1765	1748	1725	0
Efficiency (%)		51.5	66.5	73.0	75.5	76.5
P.F. (%)	19.0	34.5	50.0	62.0	70.5	75.5

Motor Speed Data					
	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	600	995	1725	1800
Current (Amps)	9.0	7.5	6.6	1.40	0.97
Torque (ft-lb)	8.8	9.2	9.8	2.28	0.00

Information Block

HP	0.8
Sync. RPM	1800
Frame	56
Enclosure	DP
Construction	TDR
Voltage	230/460 V
Frequency	60 Hz
Design	B
LR Code letter	L
Service Factor	1.15
Temp Rise @ FL	45 °C
Duty	CONT
Ambient	40 °C
Elevation	1,000 feet
Rotor/Shaft wk ²	0.06 LB-Ft ²
Ref Wdg	TE48412 DR
Sound Pressure @ 1M	56 dBA
VFD Rating	NONE
Outline Dwg	OL103725
Conn. Diag	005010.01
Additional Specifications:	
0	
EQUIV CKT (OHMS / PHASE)	
R1	R2
0.0000	0.0000
X1	X2
0.0000	0.0000
Xm	Xm
0.0000	0.0000



Speed - Torque Curve

