

PRODUCT INFORMATION PACKET



Model No: 119513.00
Catalog No: 119513.00
1 HP Washdown Motor, 3 phase, 1200 RPM, 230/460 V, 56HC Frame, TEFC
Paint Free NEMA Washdown Motors



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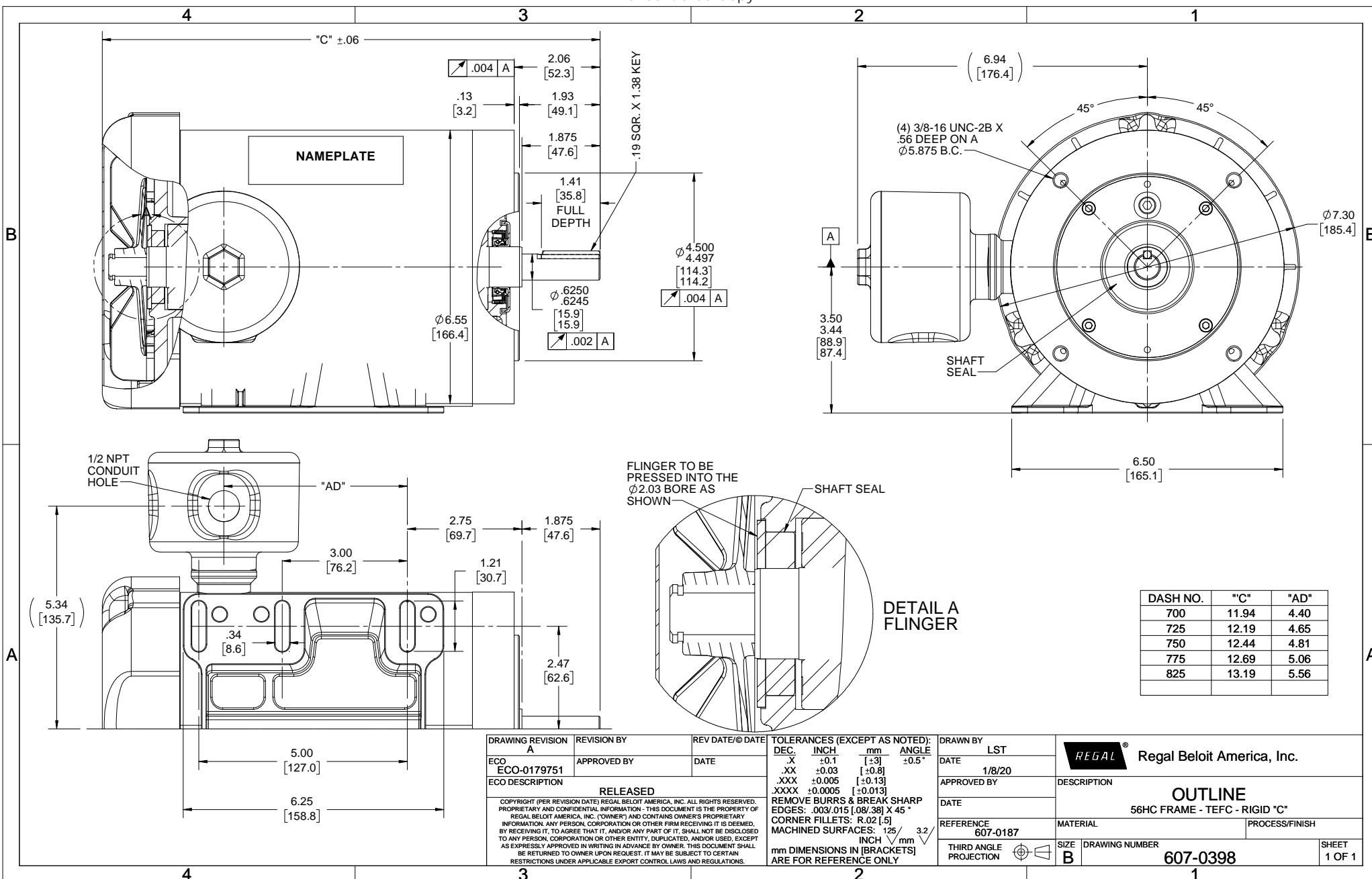
Nameplate Specifications

Output HP	1 Hp	Output KW	0.75 kW
Frequency	60 Hz	Voltage	230/460 V
Current	3.8/1.9 A	Speed	1170 rpm
Service Factor	1.15	Phase	3
Efficiency	82.5 %	Power Factor	60
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	K
Frame	56HC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6205	Opp Drive End Bearing Size	6205
UL	Recognized	CSA	Y
CE	Y	IP Code	69

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	6	Rotation	Reversible
Resistance Main	0 Ohms	Mounting	Rigid base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Stainless Steel
Shaft Type	NEMA 56	Overall Length	12.69 in
Frame Length	7.75 in	Shaft Diameter	0.625 in
Shaft Extension	2.06 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	607-0398-775	Connection Drawing	005010.52

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A		
ECO-0179751	APPROVED BY	DATE
ECO DESCRIPTION		
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TOLERANCES (EXCEPT AS NOTED):

REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.08/.38] X 45°

CORNER FILLETS: R.02 [.5]

MACHINED SURFACES: $\sqrt{.004}$ A

INCH $\sqrt{.004}$ mm $\sqrt{.004}$ mm

mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY

DRAWN BY	LST
DATE	1/8/20
APPROVED BY	
DATE	
REFERENCE	607-0187
THIRD ANGLE PROJECTION	

REGAL® Regal Beloit America, Inc.

DESCRIPTION: 56HC FRAME - TEFC - RIGID "C"

MATERIAL:

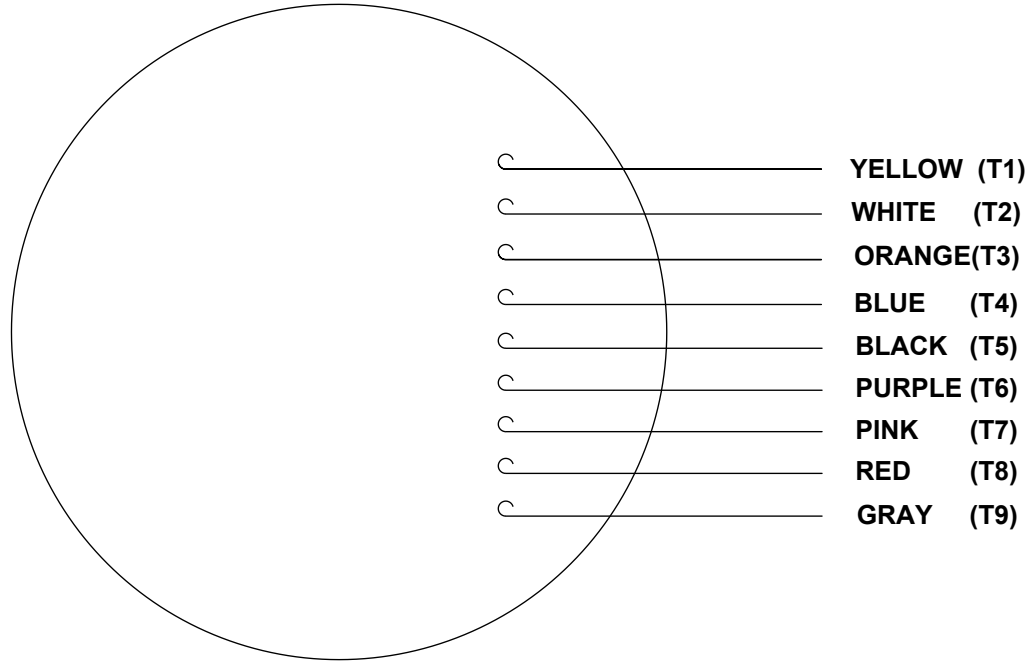
PROCESS/FINISH:

DRAWING NUMBER: 607-0398

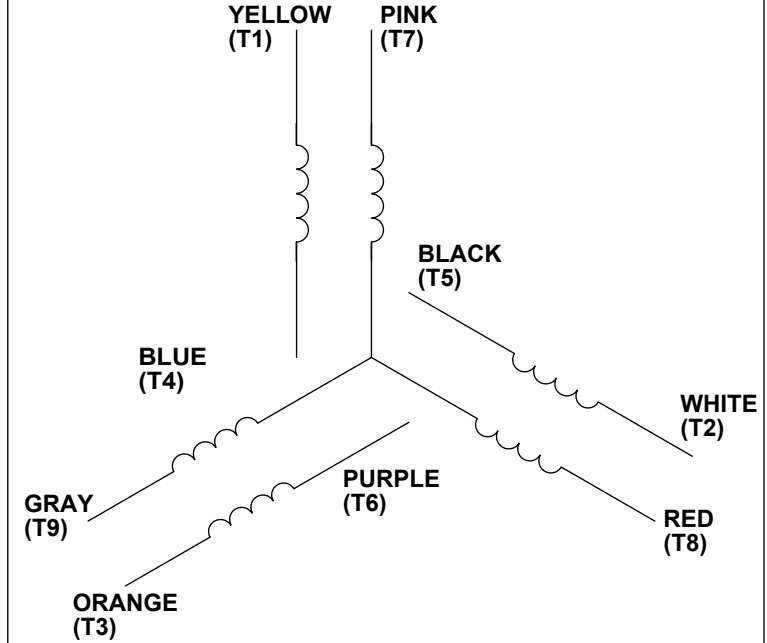
SIZE: B

SHEET: 1 OF 1

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



LINE LEADS



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

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DRAWING REVISION C	REVISION BY PVR	DATE 04/23/14
ECO ECO-0049985	APPROVED BY JD	DATE 04/23/14
ECO DESCRIPTION UPDATED PER ECO-0049985		
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TOLERANCES UNLESS OTHERWISE SPECIFIED:			
DEC.	INCH	mm	ANGLE
.X	+0.1	[±2.5]	±0.5°
.XX	±0.01	[±0.25]	
.XXX	±0.005	[±0.127]	
.XXXX	±0.0005	[±0.0127]	
REMOVE BURRS & BREAK SHARP			
EDGES: .003/.015 [.076/.381]			
CORNER FILLETS: .02 [.51]			
MACHINED SURFACES: 125/3.2			
INCH <input type="checkbox"/> mm <input checked="" type="checkbox"/>			
mm SHOWN IN [BRACKETS]			

DRAWN BY LST
DATE 4/3/14
APPROVED BY
DATE
PROCESS/FINISH
THIRD ANGLE PROJECTION

Regal Beloit America, Inc.	
DESCRIPTION LEAD ASSY	
EXT. WIRING DIA. 3 PH. W/O PROT.	
MATERIAL	
SIZE A	DRAWING NUMBER 00501052
SHEET 1 OF 1	



Motor Load Data

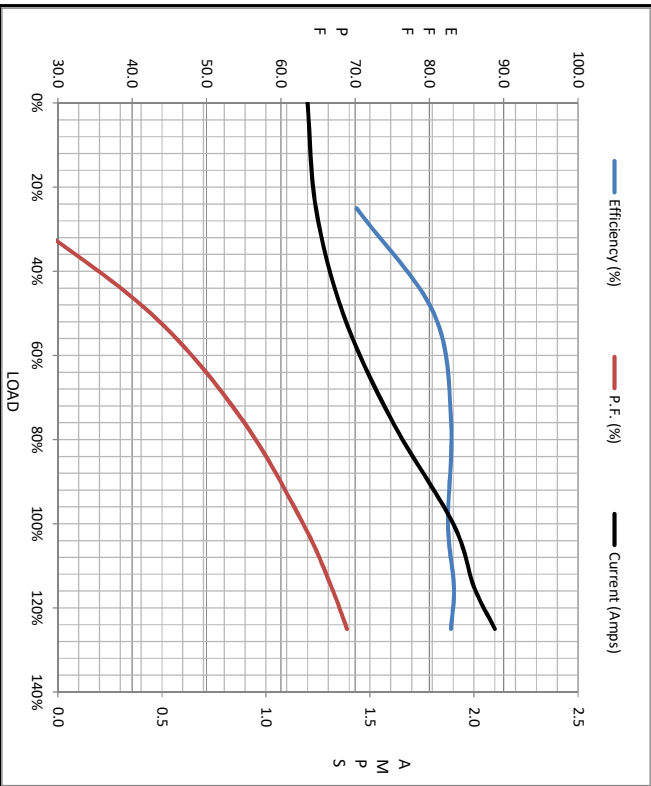
Load	0%	25%	50%	75%	100%	115%	125%	LR
Current (Amps)	1.20	1.24	1.37	1.60	1.90	2.00	2.10	10.7
Torque (ft-lb)	0.00	1.10	2.23	3.4	4.5	5.3	5.7	13.5
RPM	1200	1190	1180	1169	1160	1150	1145	0
Efficiency (%)		70.2	80.6	82.9	82.5	83.3	82.9	
P.F. (%)	8.6	23.8	42.5	54.7	63.0	66.8	68.9	0.0

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	125	750	1160	1200
Current (Amps)	10.7	9.9	7.4	1.90	1.20
Torque (ft-lb)	13.5	13.3	15.8	4.5	0.00

Information Block

HP	1.0			
Sync. RPM	1200			
Frame	140			
Enclosure	TEFC			
Construction	TFR			
Voltage	230/460#190/380 V			
Frequency	60 Hz			
Design	B			
LR Code letter	K			
Service Factor	1.15			
Temp Rise @ FL	42 °C			
Duty	CONT			
Ambient	40 °C			
Elevation	1,000 feet			
Rotor/Shaft wk ²	0.14 Lb-Ft ²			
Ref Wdg	T63681 FR			
Sound Pressure @ 1M	0 dbA			
VFD Rating	VARIABLE 10-1			
Outline Dwg	607-0187-775			
Conn. Diag	006010.52			
Additional Specifications:				
0				
0				
EQUIV CKT (OHMS / PHASE)				
R1	R2	X1	X2	Xm
0.0000	0.0000	0.0000	0.0000	0.0000



Speed - Torque Curve

