

PRODUCT INFORMATION PACKET



Model No: 100028.00

Catalog No: 100028.00

General Purpose Motor, 0.33 HP, 3 Ph, 60 Hz, 230/460 V, 1800 RPM, S56 Frame, DP



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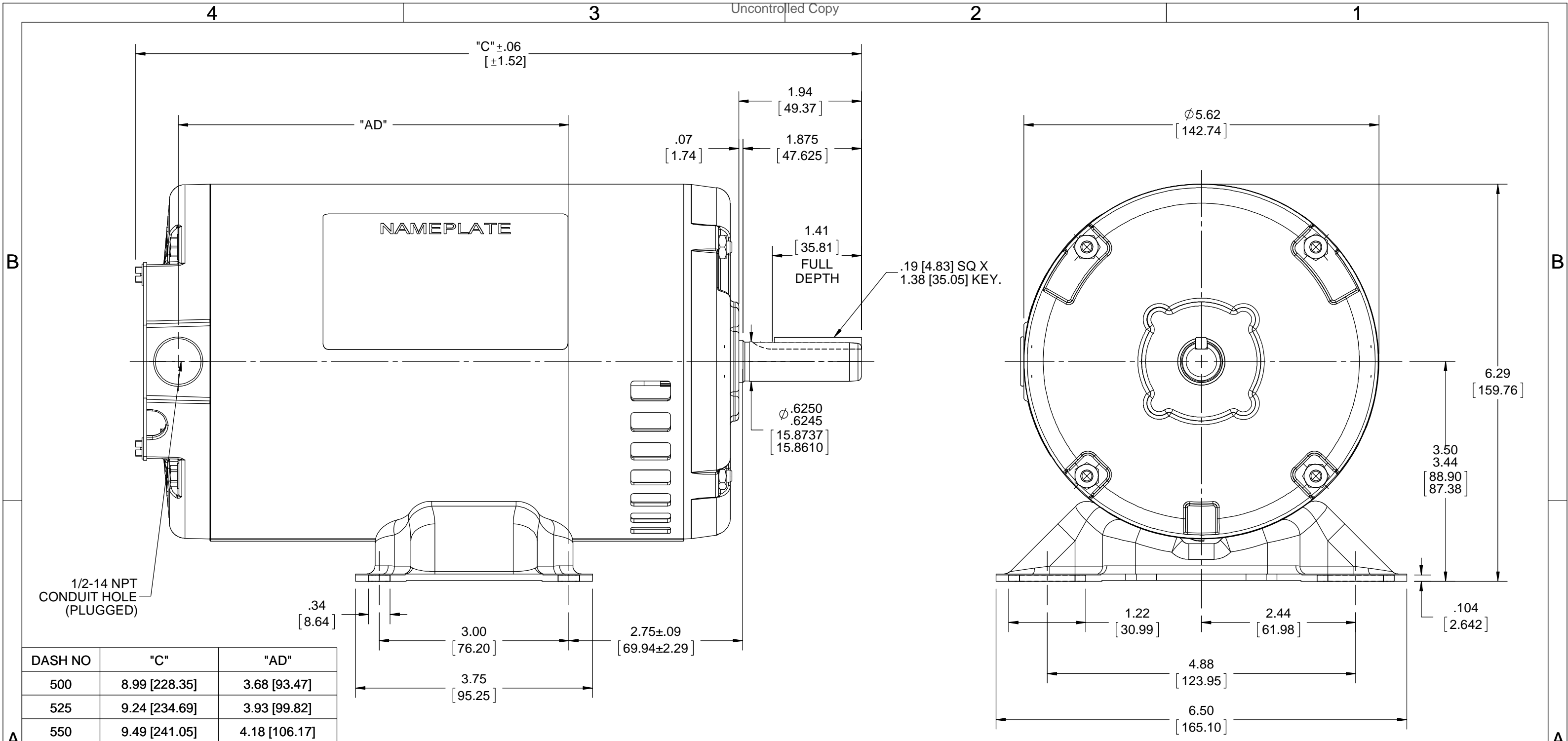


Nameplate Specifications

Phase	3	Output HP	0.33 Hp
Output KW	0.25 kW	Voltage	230/460 V
Speed	1725 rpm	Service Factor	1.35
Frame	S56	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	64.3 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	1.6/0.80 A	Power Factor	61.1
Duty	Continuous	Insulation Class	B
Design Code	B	KVA Code	M
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	N	IP Code	22
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	0 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	NEMA 56	Overall Length	9.49 in
Frame Length	5.50 in	Shaft Diameter	0.625 in
Shaft Extension	1.88 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	005010.01	Outline Drawing	031620-550



DASH NO	"C"	"AD"
500	8.99 [228.35]	3.68 [93.47]
525	9.24 [234.69]	3.93 [99.82]
550	9.49 [241.05]	4.18 [106.17]
575	9.74 [247.39]	4.43 [112.52]
600	9.99 [253.75]	4.68 [118.87]
625	10.24 [260.09]	4.93 [125.22]
650	10.49 [266.45]	5.18 [131.57]
675	10.74 [272.79]	5.43 [137.92]
700	10.99 [279.15]	5.68 [144.27]
725	11.24 [285.49]	5.93 [150.97]
750	11.49 [291.85]	6.18 [156.97]
775	11.74 [298.19]	6.43 [163.32]
800	11.99 [304.55]	6.68 [169.67]

DRAWING REVISION E	REVISION BY A SUPPANAVAR	DATE 09/18/2018
ECO ECO-0154532	APPROVED BY JD	DATE 10/11/2018
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TOLERANCES UNLESS OTHERWISE SPECIFIED:			
DEC.	INCH	mm	ANGLE
.X	±0.1	[±2.5]	±7° 30"
.XX	±0.03	[±0.76]	
.XXX	±0.005	[±0.127]	
.XXXX	±0.0005	[±0.0127]	
REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [0.076/.381] X 45° CORNER FILLETS: R.02 [0.51] MACHINED SURFACES: 200 INCH/mm 5.1 mm SHOWN IN [BRACKETS]			

DRAWN BY PG	REGAL™ Regal Beloit America, Inc.	
DATE 5/24/01	DESCRIPTION OUTLINE RIGID MOUNT-DRIP PROOF 3 PHASE	
APPROVED BY	MATERIAL	PROCESS/FINISH
DATE	SIZE B	DRAWING NUMBER 031620
REFERENCE 031067	SHEET 1 OF 1	
THIRD ANGLE PROJECTION		

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	TITLE EXTERNAL WIRING DIAGRAM 3 PHASE W/O PROTECTOR		SCALE 1=1				
				.XXX	±.005			REF FIG.2-51				
A	UPDATED TO REGAL LOGO			SAJ	06/26/15	AJY	.XXXX	±.0005	MAT'L. DECAL - 004014	FMF		
NO.	REVISION			BY & DATE	CHK	ANG	±1/2"		FINISH	PREV		
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				DIST	BRF-NLV		A	005010-01		A		

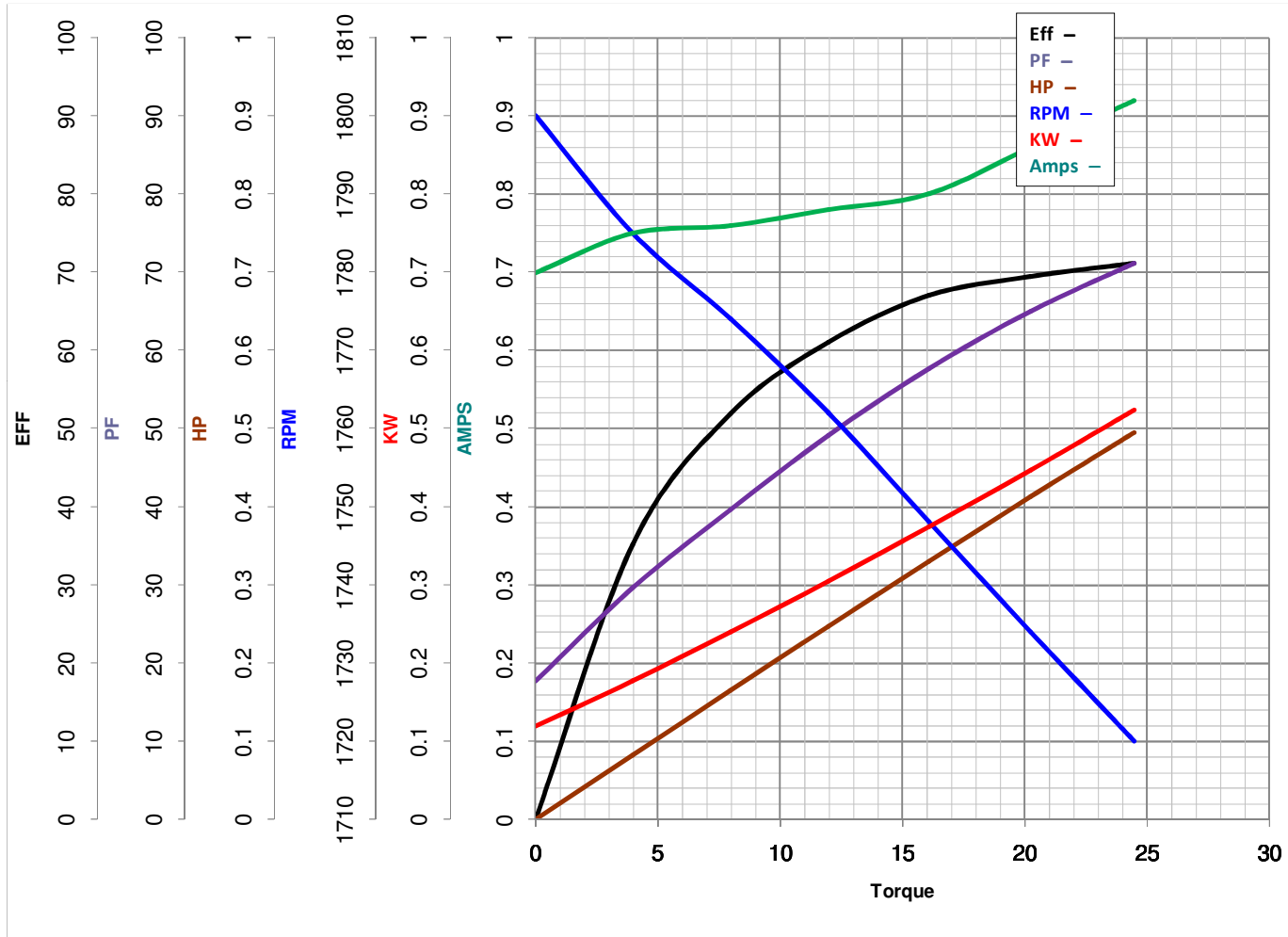


LEESON ELECTRIC CORPORATION
 TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 100028.00

Catalog No 100028.00

Curve at 460 Volts HP 0.33 PHASE 3
60 HZ
0.33 HP VOLTS 230/460
 HZ 60 RPM 1725



Torque in Oz.Ft

FL TORQUE 16.08 Oz.Ft
 BD TORQUE 80.4 Oz.Ft
 LR TORQUE 73.4 Oz.Ft

FL AMPS 1.6/8
 PU TORQUE 68.9 Oz.Ft
 LR AMPS 4.65

WINDING TE48414-3

Date 6/5/2018