

PRODUCT INFORMATION PACKET



Model No: K102V1

Catalog No: K102V1

Farm Rated® General Purpose Farm Duty Motor, 1.000 HP, 1 Ph, 60 Hz, 230/115 V, 1800 RPM,
N143T Frame, TEFC



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Nameplate Specifications

Phase	1	Output HP	1.000 Hp
Output KW	0.75 kW	Voltage	230/115 V
Speed	1745 rpm	Service Factor	1
Frame	N143T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Thermally Protected	Ambient Temperature	40 °C
Frequency	60 Hz	Current	7.3/14.6 A
Duty	Continuous	Insulation Class	B
UL	Recognized	CSA	Y
CE	N	Number of Speeds	1

Technical Specifications

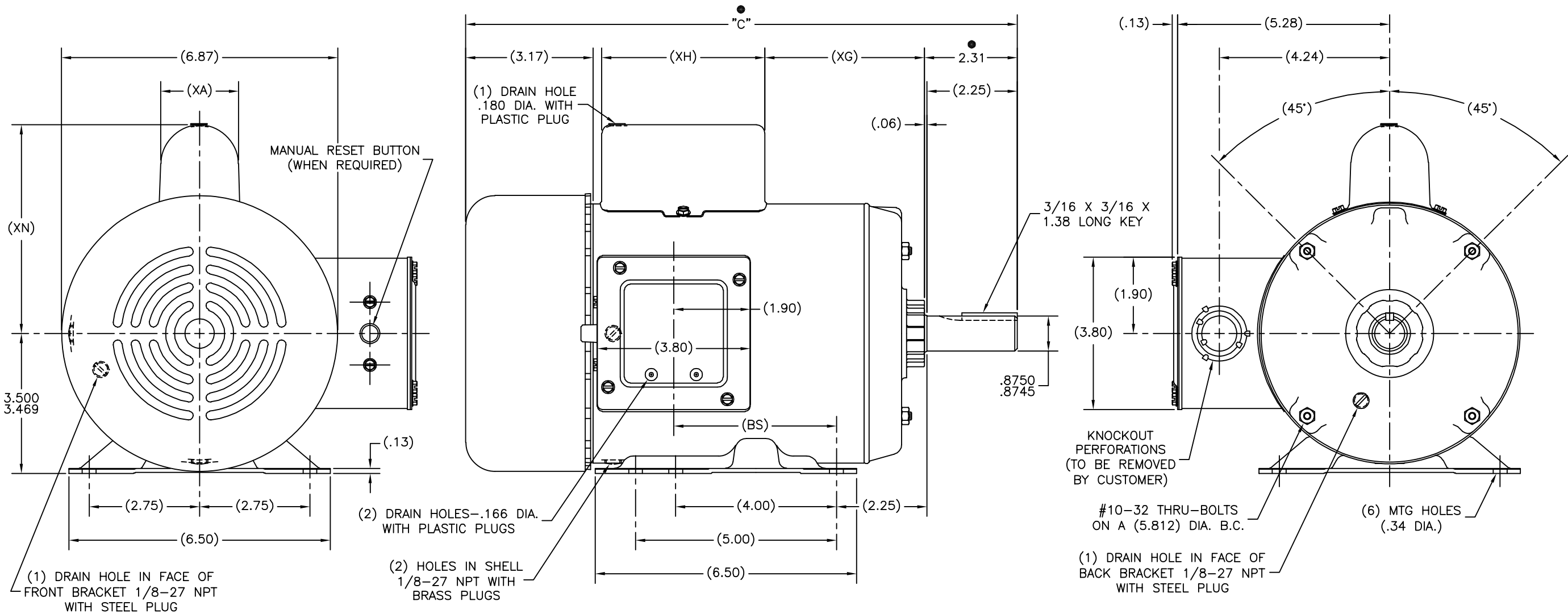
Electrical Type	Capacitor Start Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible Counterclockwise
Mounting	Rigid Base	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Keyed	Overall Length	14.23 in
Frame Length	7.25 in	Shaft Diameter	0.875 in
Shaft Extension	2.31 in		
Connection Drawing	17050723.PCX	Outline Drawing	K102V1-S01

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8		7			6			5	4	3	2	1
TYPE	FRAME	"C"	(BS)	(XA)	(XG)	(XH)	(XN)					
CSF	N143T	14.23	4.55	2.01	4.34	4.06	5.20					

ALL DIMENSIONS SHOWN IN PARENTHESIS
ARE REFERENCE DIMENSIONS. ALL OTHER
DIMENSIONS ARE TOLERANCED PER THE
FOLLOWING CHART UNLESS OTHERWISE
SPECIFIED.

"C" DIM. = +/- .055
SHAFT EXT. = +/- .034
LEAD LENGTHS = +/- 1.00
EXTENDED
THRU-BOLTS = +/- .050
ANGULAR DIM. = +/- 2°



DRAWING REVISION		REVISION BY	DATE	TOLERANCES UNLESS OTHERWISE SPECIFIED		DRAWN BY:		REGAL TM Regal Beloit America, Inc.	
A		A. BAUGHMAN	02-11-2015	DES: INCH mm ANGLE		DATE:		DESCRIPTION	
ECO-0071436		A. BAUGHMAN	02-11-2015	X ±0.1 (±2.5) ±0.5°		02-11-2015		MODEL-IHP	
ECO DESCRIPTION		APPROVED BY:		XX ±0.02 (±0.51)		A. BAUGHMAN		OUTLINE	
NEW		DATE:		XXX ±0.005 (±0.127)		02-11-2015		MATERIAL	
COPYRIGHT REGAL BELOIT AMERICA, INC. ALL RIGHTS RESERVED.		REFERENCE		XXXX ±0.0005 (±0.0127)		-		PROCESS/FINISH	
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		MACHINED SURFACES .125 (3.175)		mm SHOWN IN [BRACKETS]		D		K102V1	
								SHEET	
								1	