

PRODUCT INFORMATION PACKET

FASCO®

Model No: K102
Catalog No: K102
1/500 HP C-Frame / Skeleton Motor, 1260 RPM, 120 Volts, , OAO



Regal and Fasco are trademarks of Regal Rexnord Corporation or one of its affiliated companies.
©2022 Regal Rexnord Corporation, All Rights Reserved. MC017097E

RegalRexnord

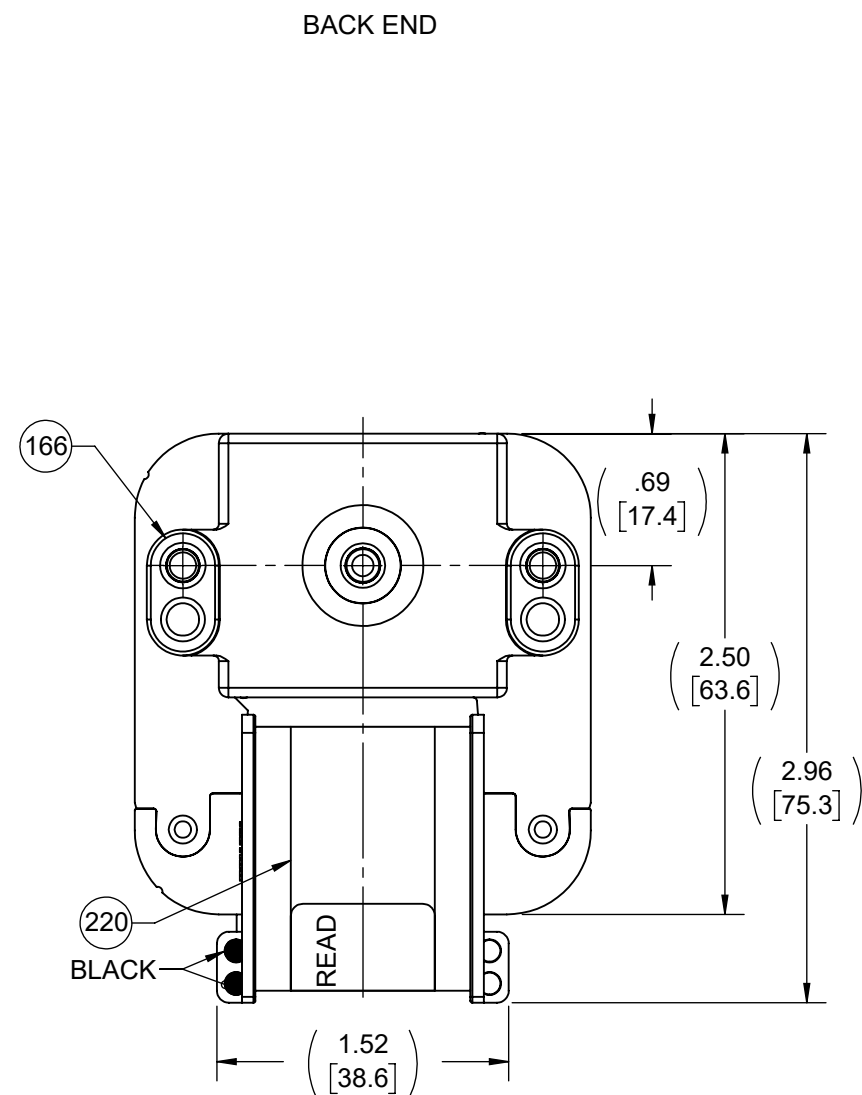
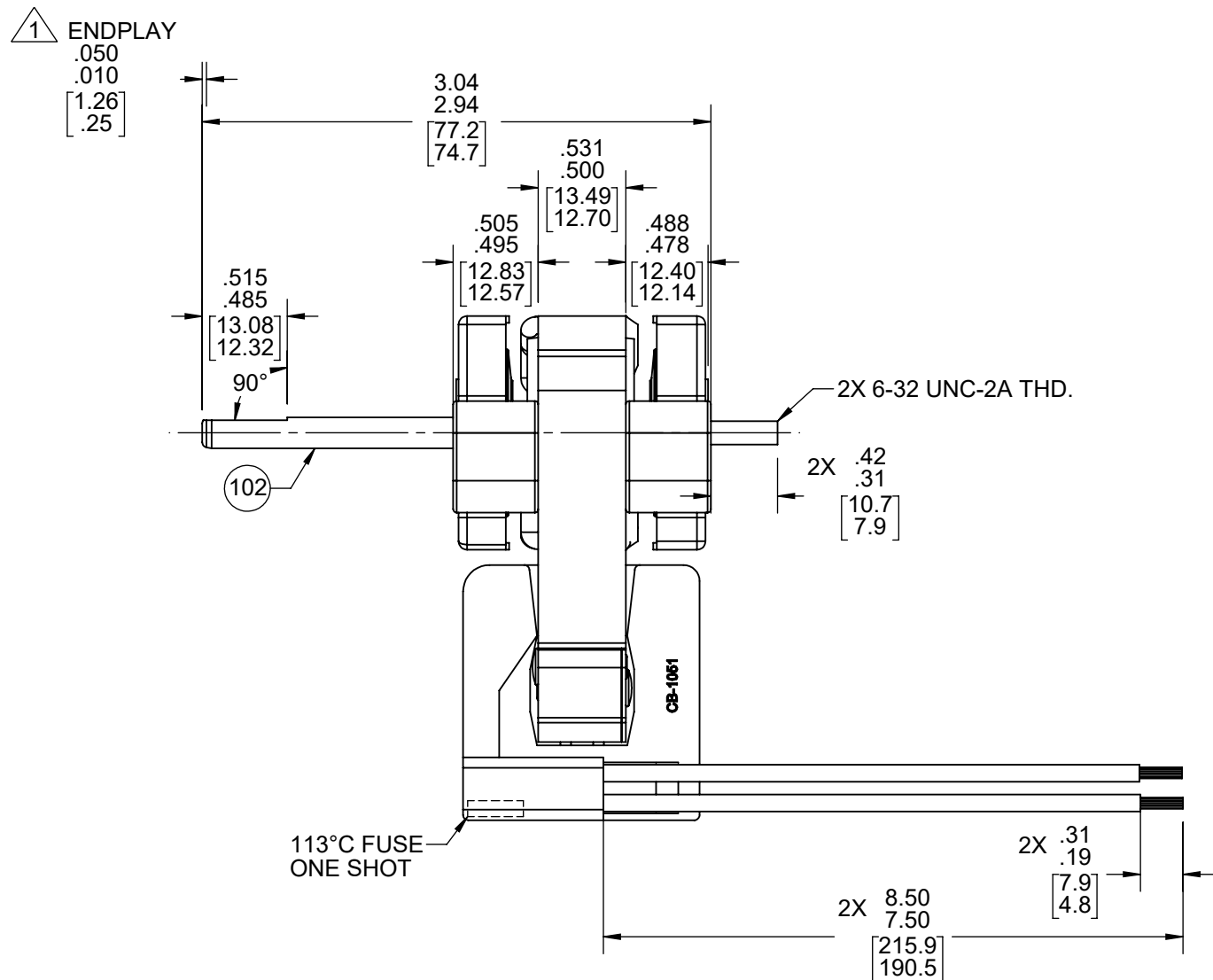
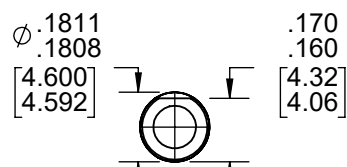
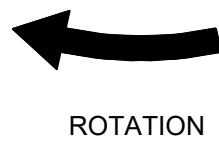
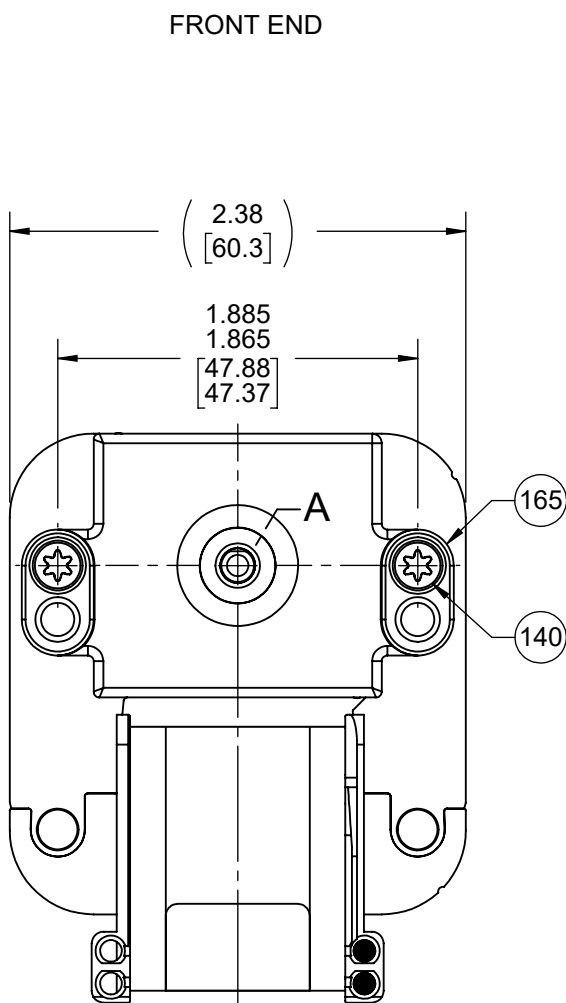
**Nameplate Specifications**

Output HP	1/500 Hp	Output KW	0.00 kW
Frequency	60 Hz	Voltage	120 V
Current	0.57 A	Speed	1100 rpm
Service Factor	1	Phase	1
Duty	Air Over	Insulation Class	B
Frame	C-FRAME	Enclosure	Open Air Over
Thermal Protection	Thermally Protected	Ambient Temperature	40 °C
UL	Recognized	CSA	N
CE	N	Number of Speeds	1

Technical Specifications

Electrical Type	Shaded Pole	Starting Method	Across The Line
Poles	6	Rotation	Clockwise Shaft End
Mounting	Extended Studs	Drive End Bearing	Sleeve
Opp Drive End Bearing	Sleeve	Frame Material	Na
Shaft Type	Flat	Overall Length	3.46 in
Shaft Diameter	0.181 in	Shaft Extension	1.50 in
Outline Drawing	71581215	Connection Drawing	NA

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:11/29/2022



LEAD MATERIAL
18 GA. 125° C 2/64 INSUL.
X-LINKED POLY.
(2) BLACK

NOTES:

- SHAFT EXTENSION MEASURED WITH ENDPLAY PULLED OUT.
- SHIM FRONT END WITH (1) PC 246 SPACER AND (1) PC 247 WASHER. SHIM BACK END WITH (1) PC 246 SPACER.
- ADD PC 247 WASHER ON BACK END ONLY AS REQUIRED TO MAINTAIN SPECIFIED ENDPLAY. NOTE PC 247 MUST BE AGAINST BEARING.
- APPLY (1) DROP OF LUBRICANT TO AID START UP.
- ROTOR CORE, STATOR CORE AND STATOR BAR ASSEMBLIES ARE COATED WITH TWIN EMULSION.
- MOTOR MUST START AT 70 VOLTS.
- HIPOT PER 88834420.
- PACK 6 PER CONTAINER, 648 MAX. PER PALLET, 12 CONTAINERS PER LAYER, 9 LAYERS PER PALLET, PACKING ASSY.: 87854178, PER 88834200 AND 88834408.
- CARTON LABELS MUST ALL FACE ONE DIRECTION TOWARD THE OPEN END OF THE PALLET. SEE 88834408.
- NO PACKAGING TAPE OVER CARTON LABEL.

CUSTOMER:	FASCO CASS	APPLICATION:								
CUSTOMER PN:	K102	MOTOR WEIGHT:	1.1 LBS.							
HORIZONTAL	UP	ENVIRONMENT:	DRY							
		MOTOR TYPE				REFERENCE SAMPLE				
		MOTOR TYPE, C-FRAME								
		B	LA	FR	A	S	C	E	B	A
HORIZONTAL	DOWN	00	58	52	X	16	OF	5	B	0
		TYPICAL PERFORMANCE AT 120 VOLTS 60 HZ								
		IDLE			LOADED			LOCKED		BREAK
		MOTOR SPEED	RPM	AMP	WATT	IN OZ	RPM	AMP	WATT	IN OZ
		3382	.50	23	2.51	1100	.57	33	2.10	.58

DRAWING REVISION AC	REVISION BY SDM	REV DATE/© DATE 8/30/2022	TOLERANCES (EXCEPT AS NOTED): DEC. INCH mm ANGLE .X ±0.1 [±3] ±1° .XX ±0.01 [±0.3] .XXX ±0.005 [±0.13] .XXXX ±0.0005 [±0.013]	DRAWN BY PLA	Regal Beloit America, Inc.
REQUEST NUMBER ECR-0220465	APPROVED BY KBB	DATE 8/30/2022	REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.08/.38] X 45° CORNER FILLETS: R.02 [.5] MACHINED SURFACES: .125 INCH 3.2 mm mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY	DATE 2/11/2021	
REQUEST NUMBER DESCRIPTION CHANGE NAMEPLATE FASCO LOGO TO FASCO TM			APPROVED BY SDM		DESCRIPTION OUTLINE MOTOR ASSY
COPYRIGHT (PER REVISION DATE) REGAL BELOIT AMERICA, INC. ALL RIGHTS RESERVED. PROPRIETARY AND CONFIDENTIAL INFORMATION - THIS DOCUMENT IS THE PROPERTY OF REGAL BELOIT AMERICA, INC. (OWNER) AND CONTAINS OWNER'S PROPRIETARY INFORMATION. ANY PERSON, CORPORATION OR OTHER FIRM RECEIVING IT IS DEEMED, BY RECEIVING IT, TO AGREE THAT IT, AND/OR ANY PART OF IT, SHALL NOT BE DISCLOSED TO ANY PERSON, CORPORATION OR OTHER ENTITY, DUPLICATED, AND/OR USED, EXCEPT AS EXPRESSLY APPROVED IN WRITING IN ADVANCE BY OWNER. THIS DOCUMENT SHALL BE RETURNED TO OWNER UPON REQUEST. IT MAY BE SUBJECT TO CERTAIN RESTRICTIONS UNDER APPLICABLE EXPORT CONTROL LAWS AND REGULATIONS.			DATE 2/11/2021		MATERIAL PROCESS/FINISH NATURAL
			THIRD ANGLE PROJECTION	SIZE C	DRAWING NUMBER 71581215
					SHEET 1 OF 1

99581215 61299553

FASCO™ Model: K102 71581215

Assembled in Mexico

J238-050

120 V 60 Hz .58 LRA .57 FLA

Max Amb: 40°C 1/500 HP Ref.

T.P. B 1100 RPM AO