

PRODUCT INFORMATION PACKET

FASCO®

Model No: K628
Catalog No: K628

1/200 HP C-Frame / Skeleton Motor, 3000 RPM, 208/230 Volts, , OAO



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RegalRexnord

**Nameplate Specifications**

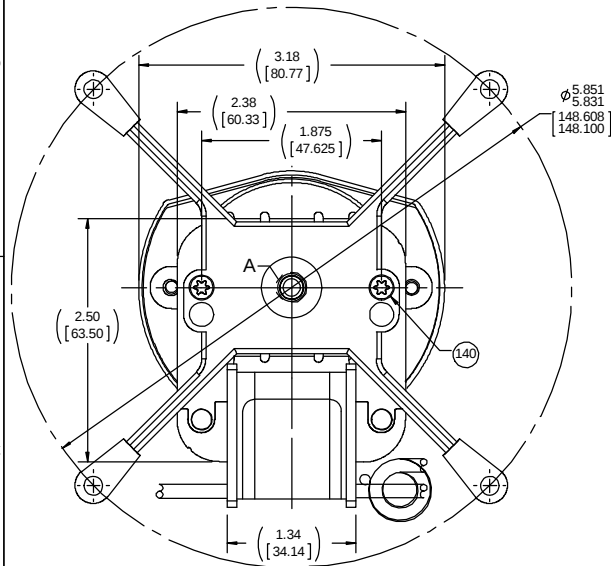
Output HP	1/200 Hp	Output KW	0.01 kW
Frequency	60 Hz	Voltage	208/230 V
Current	.25 A	Speed	3000 rpm
Service Factor	1	Phase	1
Duty	Air Over	Insulation Class	B
Frame	C-FRAME	Enclosure	Open Enclosed
Thermal Protection	Impedance	Ambient Temperature	40 °C
UL	Recognized	CSA	N
CE	N	Number of Speeds	1

Technical Specifications

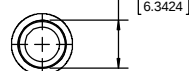
Electrical Type	Shaded Pole	Starting Method	Across The Line
Poles	2	Rotation	Clockwise
Mounting	Bracket	Drive End Bearing	Sleeve
Opp Drive End Bearing	Sleeve	Frame Material	Na
Shaft Type	Round	Overall Length	5.46 in
Shaft Diameter	0.250 in	Shaft Extension	1.50 in
Outline Drawing	71581033		

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FRONT END



ROTATION

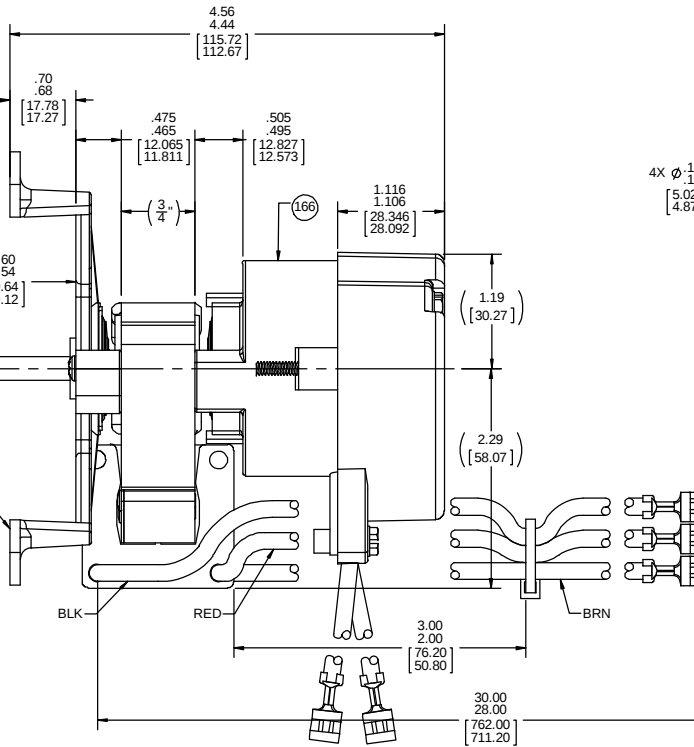
SHAFT
DETAIL A

LEAD MATERIAL
18 GA 125°C 4/64 INSUL.
EPDM, (1) BRN,
(1) BLK, AND (1) RED
W/FLAG TERM.
AMP 60764-2

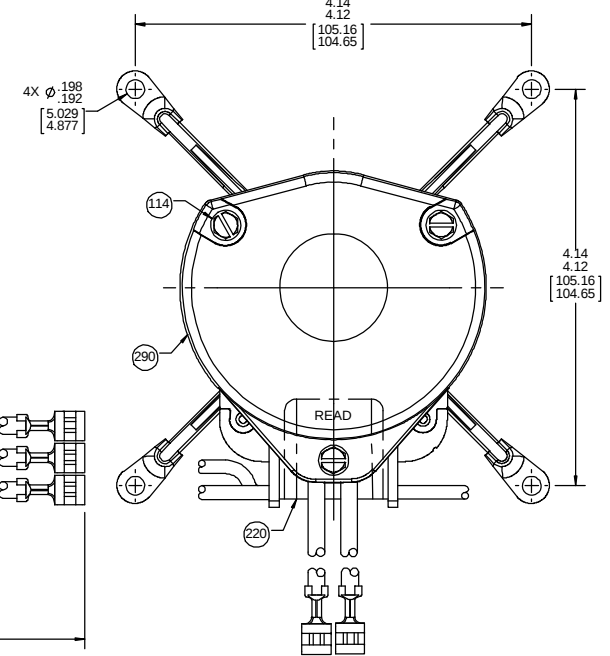
SWITCH LEAD MATERIAL
18 GA 105°C 4/64 INSUL.
THERMO (2) ORN
30.00/28.00 [762.00/711.20]
W/FLAG TERM
AMP 60764-2

NOTES:

1. MOTOR HAS 416 SS SHAFT.
2. SHAFT EXTENSION MEASURED WITH ENDPLAY PULLED OUT.
3. SHIM BOTH ENDS WITH (1) PC 246 SPACER AND (1) PC 247 WASHER.
4. ADD PC 247 WASHER ON BACK END AS REQUIRED TO MAINTAIN SPECIFIED ENDPLAY.
5. SWITCH ACTUATOR ASSEMBLY COMPONENTS MUST BE 316 SS.
6. ASSEMBLE SWITCH ASSEMBLY AND ACTUATOR PER 88834261.
7. PRESS ACTUATOR ASSEMBLY AND THIMBLE SO THAT TOP OF METAL ACTUATOR PLATE IS .568/.548 [14.43/13.92] FROM END OF SHAFT.
8. SWITCH MUST BE ADJUSTED TO OBTAIN .035/.025 [889/.635] AIR GAP BETWEEN THIMBLE AND SWITCH IN FULL OPERATING POSITION.
9. ADD ONE DROP PC 230 GLYPHTAL TO PC 204 SCREW HEAD AFTER ASSEMBLING SWITCH.
10. MOTOR MUST START AT 140 VOLTS.
11. HI POT PER 88834420.
12. SWITCH MUST MAKE CONTACT BEFORE 2500 RPM AND MUST BREAK CONTACT ABOVE 800 RPM.
13. SWITCH MECHANISM MUST GIVE QUIET OPERATION ABOVE 2500 RPM.
14. PACK 1 PER CONTAINER, 36 CONTAINERS PER LAYER, 4 LAYERS PER PALLET, 144 MAX. PER PALLET, PACKING ASSY. 87854559, PER 88834408. NO PACKING TAPE OVER CARTON LABEL.



BACK END



CUSTOMER:		FASCO DIST		APPLICATION:																			
CUSTOMER PN:		K628		MOTOR WEIGHT:				2.25 LBS															
HORIZONTAL		UP		ENVIRONMENT:				DRY															
		MOTOR TYPE				REFERENCE SAMPLE																	
		B		LA		FR		A		S		C		E		B		A					
00		58		41		X		12		OE		0		1		0							
DOWN		TYPICAL PERFORMANCE AT 230 VOLTS 60 HZ																					
		IDLE				LOADED				LOCKED				BREAK									
MOTOR SPEED		RPM		AMP		WATT		IN OZ		RPM		AMP		WATT		IN OZ		AMP		WATT		IN OZ	
		3389		.24		25		2.18		3000		.26		29		2.61		.32		39		3.80	

DRAWING REVISION AA	REVISION BY FDP	DATE 4/4/2018	TOLERANCES UNLESS OTHERWISE SPECIFIED: DEC. INCH mm ANGLE ECO-0132202 SED 4/4/2018 ECO DESCRIPTION REDRAWN TO SOLIDWORKS COPYRIGHT REGAL BELOIT AMERICA, INC. ALL RIGHTS RESERVED. PROPRIETARY AND CONFIDENTIAL INFORMATION. THIS DOCUMENT IS THE PROPERTY OF REGAL BELOIT AMERICA, INC. FURNISHING AND CONTAINING OWNERS 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.	DRAWN BY FDP DATE 4/4/2018 APPROVED BY SED DATE 4/4/2018 REFERENCE THIRD ANGLE PROJECTION	DESCRIPTION OUTLINE MOTOR ASSY	MATERIAL C	SIZE C	DRAWING NUMBER 71581033	PROCESS/FINISH NATURAL	SHEET 1 OF 1
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FASCO Model: K628

71581033
J238-075
208/230 V 60 Hz
1/200 HP .32 LRA
3000 RPM .25 FLA
Max. Amb. 40°C
E64080 E33433
Z.P. B C AU
Assembled in Mexico
SW 280-10

Connection Diagram
Brn Common
Blk 208V
Red 230V
Orn 0V
Switch 125VA-120V