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RAPIFAX

March 22, 1984

RG -1053

RAPIFAX
SENT/RECEIVED

To: J.W. McKay
Giant Yellowknife Mines Limited
Fr: D.M. Dingwall
Re: 150 HP Crushing Motor

On March 15, I visited E-Mark Ltd. and inspected the proposed motor with the owner, H. Lewin.

The main problem found was that the nameplate frame number and the motor dimensions did not match. Whether this was due to a nameplate error or possibly a nameplate mix-up, I do not know.

It is my belief that the motor I was looking at was a frame 305.

If you are willing to take a small gamble, the motor I saw could probably be used as a replacement for your frame 306 crusher motors by the use of an adapter base. This base E-Mark are willing to supply at no additional cost.

The small gamble I refer to is the fact that the motor I saw is fairly old, probably of the same vintage as the ones you have. There is no way to tell how old or how reliable the winding of the motor is. It looks to be good and I am sure it will clean up very nicely and will also test very well. It might also fail prematurely without warning.

H. Lewin is full of promises and warranties. He offers a 30 day trial after you receive it before you pay. He offers a 1 year warrantee which means a replacement or repair in his shop. He also says that if it fails during the 30 day trial he will pay the freight costs to ship and return.

The slip rings are in good condition. The motor would be fully tested before being shipped and I would witness the tests.

Attached is motor dimension print on which is sketched the base adapter plate.

If you are still interested, please advise and I will have Mr. Lewin submit his offer in writing with all promises.

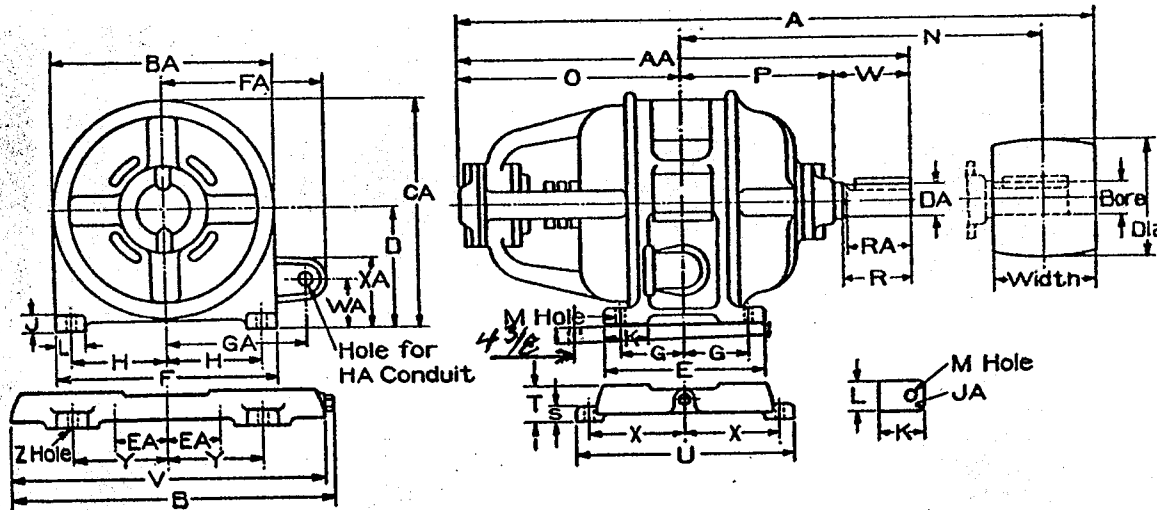
Regards,

Don Dingwall/ul
Attachment (1)

GENERAL PURPOSE WOUND ROTOR

Types MT, MQ, Form BA, Anti-Friction Bearing, Belt Drive

(For Direct Drive, Frame Nos. 267 to 278, Omit Base and Pulley)



DIMENSIONS IN INCHES

FRAME	PULLEY		Belt Width	EFFECTIVE KEYWAY			A	AA	B	BA	CA	D 5	DA 7	E	EA **	F	FA	G	GA	H	HA	J	JA	K	L	M	N	O	P	R	RA ††	S	T	U	V	W	WA	X	XA	Y	Z	
	Diameter	Wth Overall		Bore	Width	Depth																																				Length
267-277*	16	17	16	3/4	3/8	8 1/4	59 1/4	53 3/4	41 3/8	31 3/8	31 1/4	16	3 3/8	22 3/8	4 1/4	30 3/8	22 3/8	9 3/4	19	13 3/4	3	2	3/8	5 1/2	4	1 5/8	26 1/8	25 1/8	17 3/8	10 1/8	9 3/8	2	3 1/2	28 3/4	40 3/8	10 1/2	5	13	8 1/8	13 3/4	1	
268-278*	16	17	15	3/4	3/8	8 1/4	63 3/8	56 1/4	41 3/8	31 3/8	31 1/4	16	3 3/8	26	4 1/4	30 3/8	22 3/8	11	19	13 3/4	3	2	3/8	5 1/2	4	1 5/8	27 1/8	26 3/8	19 3/8	10 1/8	9 3/8	2	3 1/2	31 3/4	40 3/8	10 1/2	5	14 3/4	8 1/8	13 3/4	1	
295-305	22	21	20	1	1/2	11 1/4	64 1/4	57 1/4	51 1/8	39	39 1/2	20	4 1/8	24 3/4	4 1/2	38 3/8	27 3/8	9 7/8	24 3/4	16 3/4	3	2 1/2	1	7	6	1 5/8	28 3/8	25 3/8	18 1/8	2 1/4	4 3/4	32 1/4	49 1/2	13 5/8	9	14 1/2	12	16 1/4	1 3/8	
296-306*	22	21	20	1	1/2	11 1/4	69 3/8	62 3/8	51 1/8	39	39 1/2	20	4 1/8	29 1/2	4 1/2	38 3/8	27 3/8	12 1/4	24 3/4	16 3/4	3	2 1/2	1	7	6	1 5/8	30 1/8	28 1/8	20 1/8	2 1/4	4 3/4	37	49 1/2	13 5/8	9	16 3/8	12	16 1/4	1 3/8	
297-307	26	25	24	1	3/4	12 3/4	73	64	51 1/8	39	39 1/2	20	4 3/8	29 3/4	4 1/2	38 3/8	27 3/8	12 3/4	24 3/4	16 3/4	3	2 1/2	1	7	6	1 5/8	32 3/8	28 1/8	20 1/8	14 3/8	14 3/8	2 1/4	4 3/4	37	49 1/2	15 1/8	9	16 3/8	12	16 1/4	1 3/8	
298-308†	See Dimension "DA"	1	1/2	12 3/4	67	39	39 1/2	20	4 3/8	32 1/2	38 3/8	27 3/8	13 3/4	24 3/4	16 3/4	3	2 1/2	1	7	6	1 5/8	29 3/8	22 3/8	14 3/8	14 3/8	15 1/8	9	12	

* Semi-standard pulleys.

† Compare columns "Belt Width" and "Width Overall." Width of pulley varies between the "Belt Width" and "Width Overall" given above, depending upon the pulley manufacturer's practice and factory allowance.

‡ Dimension "D" will never be exceeded. When exact dimension is required, liners up to 1/2" may be necessary. ¶ For all frames the shaft diameter will come within the limits +.000" - .001".

** "EA" is the movement of motor in either direction on base for tightening belt.

†† Dimension "RA" represents length from end of shaft to fillet at shoulder. Where "R" and "RA" are omitted, no shoulder on shaft.

For direct-connected motors, conduit boxes may be used in any of the four directions, but where sliding bases are used, conduit boxes can be used only in vertical direction upward, or horizontal on either side.

When flange coupling is supplied the face will be 1/8" beyond end of shaft. When flexible coupling is supplied the coupling hub will be flush with end of shaft.

For Reference Only

Reference: White Print 3578.