

INDUCTION MOTOR DATA SHEET

1	PROJECT	NPP KRSKO	S.O. No.	D039
2	FURNISHED BY	Curtiss-Wright / Westinghouse	DATE	12-16-05 BY CW-EMD
3	MARK OR ITEM NO.			
4	PURCHASER'S REQUIREMENTS		DATA FURNISHED BY SELLER	
5	SERVICE:	R.C.P. Motor	MAKE:	
6	TYPE:	CS	FRAME NO.	4 – 62-1/2 - 31
7	NO. OF UNITS:	1	HORSEPOWER	7000
8	MOUNTING:	Vertical	SERVICE FACTOR	
9	ELEC.CHARACTERISTICS:	6000 V 3 PH 50 CY	FULL LOAD RPM	1482
10	SYNCH. SPEED, RPM	1500	FULL LOAD AMP	577
11	HORSEPOWER	7000	LOCKED ROTOR AMP	3750
12	SERVICE FACTOR		STARTING TORQUE, % F.L.	100%
13	ENCLOSURE	Drip Proof	PULL-OUT TORQUE, % F.L.	22.5%
14	INSULATION CLASS	B	EFF – FULL LOAD, %	92.4%
15	INSULATION TREATMENT	Post Impregnation	EFF – 3/4 LOAD, %	91.5%
16	AMBIENT TEMP – C	50°C	EFF – 1/2 LOAD, %	89.08%
17	STATOR TEMP RISE – C	75°C	P.F. – FULL LOAD, %	94.1%
18	BEARING TYPE		P.F. – 3/4 LOAD, %	94.5%
19	BEARING TEMP RELAY	Not Required	P.F. – 1/2 LOAD, %	93.6%
20	BEARING THERMOCOUPLE	120 Ω RTD;s Nickel	P.F. LOCKED ROTOR	
21	HALF COUPL. OR SHEAVE MTD. BY		SPACE HTRS., TOTAL WATTS	3760 Watts
22	ROTATION	CCW Viewing from top	RADIAL BEARING – TYPE	Pivoted Pad
23	WK 2 OF DRIVEN EQUIP.	2000 lb-ft ²	THRUST BEARING – TYPE	Kingsbury
24	BRKWDY. TORQ. DRVN. EQUIP.		BEARING SERVICE – HR.	
25	OVERSIZE COND. BOX		NORMAL BRG. OPER. TEMP – C	65°C
26	COND. BOX LOCATION		NET WEIGHT – LB.	
27	SPACE HEATERS, VOLTAGE, PHASE	380 V, 1 PH	OIL COOL. SYS. REQ'D.	Supplied with Motor
28	SPLIT END SELLS		BRG. OIL PRESS. RANGE, PSI	N/A
29	TERMINAL LUGS, TYPE		BRG OIL REQ'D. EA. BRG. GPM	N/A
30	STATOR HIGH TEMP DEVICE	120 Ω RTD's Nickel	NAME PLATE CODE LETTER	F
31	ADJUSTABLE SLIDE RAILS		PERMISSIBLE STARTS PER HR.	Per TAG
32	SOLEPLATES		MOTOR AT AMBIENT TEMP.	117755A
33	PROJECT ELEV. FT.		MOTOR AT RATED TOTAL TEMP	
34	SHAFT (HOLLOW SOLID)	VSS	TYPE SEALED INSUL. SYS.	Post Impregnation
35	COUPLING (SELF-RELEASE)		DESCRIPTION OF INSUL. SYS.	
36	SOLID, NONREVERSING			
37	ADJUSTABLE, FLEXIBLE			
38	VERT.MAX DOWNTHRUST	119,644 lbs.		
39	VERT. MAX UP THRUST	105,817 lbs.		
40	VERT. MIN UP THRUST	0 lbs.		
41	VERT. MIN DOWNTHRUST	0 lbs.		
42	(WITH MOTOR RUNNING)			
43	SIDE THRUST	Not Specified		
44	MAX REVERSE SPEED	Zero		
45	DRAIN PLUG AND VENT			
46	AIR INTAKE SCREENS	Not Required		
47				
48				
49				
50				
51	REMARKS:		REMARKS:	
52	ALL PERFORMANCE DATA BASED ON NORMAL		ALL PERFORMANCE DATA BASED ON NORMAL	
53	RATED VOLTAGE AND FREQUENCY		RATED VOLTAGE AND FREQUENCY	
54	ITEMS 34 – 41 APPLY TO VERTICAL MOTORS ONLY		INDICATE IF DATA IS ESTIMATED	
55				
56	THIS IS BEING ISSUED FOR d039 AS A SPARE MOTOR			
57	FOR KRK			
58				
59				
60	*VIEWED FROM END OPPOSITE COUPLING END			