



ANSTEC APERTURE CARD

ANSTEC APERTURE CARD		MATERIAL SPECIFICATION	
QTY	REF.	DESCRIPTION	QUANTITY
50	B	INTERNAL TOOTH LOCKWASHER	100 PARTS PER UNIT
49	D	1/4-28 X 1/2 IN. X 1/4 IN. SCREW	100 PARTS PER UNIT
50	2	E-212-52337	100 PARTS PER UNIT
49	2	EA 740-221.20	100 PARTS PER UNIT
45	4R	MS 25395-032	200 PARTS PER UNIT
55	R	INTERNAL TOOTH LOCKWASHER	100 PARTS PER UNIT
54	4	1/4-12-EX NUT	400 PARTS PER UNIT
52	4	1/4-12-EX HEX BOLT	400 PARTS PER UNIT
52	5	5	400 PARTS PER UNIT
41	2	95-A	200 PARTS PER UNIT
50	ART	50	200 PARTS PER UNIT
49	4	2.2 0.04 IN. WASH	400 PARTS PER UNIT
48	6	CRANE 187-1	100 PARTS PER UNIT
47	10	INTERNAL TOOTH LOCKWASHER	200 PARTS PER UNIT
46	6	WASHER LOCK	120 PARTS PER UNIT
45	2	INTERNAL TOOTH LOCKWASHER	200 PARTS PER UNIT
44	2	1/4-12-EX HEX BOLT	400 PARTS PER UNIT
43	10	1/2-13 HEX NUT	200 PARTS PER UNIT
42	6	3/8-16 HEX NUT	120 PARTS PER UNIT
41	3	3/8-16 HEX NUT	60 PARTS PER UNIT
40	1	72864 ROTOR 30WAT 1/2 30WAT 1.86 RPM	100 PARTS PER UNIT
39	1	72857 ASTM A515 GR.70	100 PARTS PER UNIT
38	1	72878	100 PARTS PER UNIT
37	1	72877	100 PARTS PER UNIT
36	7	71847-18	100 PARTS PER UNIT
35	4	72618	100 PARTS PER UNIT
34	1	72695-12	100 PARTS PER UNIT
33	1	71115	100 PARTS PER UNIT
32	2	72855	100 PARTS PER UNIT
31	1	72984	100 PARTS PER UNIT
30	1	72859	100 PARTS PER UNIT
29	1	72850	100 PARTS PER UNIT
28	1	72438	100 PARTS PER UNIT
27	1	71454	100 PARTS PER UNIT
26	1	71896	100 PARTS PER UNIT
25	1	11904	100 PARTS PER UNIT
24	2	71845	100 PARTS PER UNIT
23	1	71799	100 PARTS PER UNIT
22	1	71796	100 PARTS PER UNIT
21	1	71795	100 PARTS PER UNIT
20	1	71798	100 PARTS PER UNIT
19	1	71797	100 PARTS PER UNIT
18	2	71446	100 PARTS PER UNIT
17	1	73975	100 PARTS PER UNIT
16	1	71453	100 PARTS PER UNIT
15	1	71443	100 PARTS PER UNIT
14	2	71359-15	100 PARTS PER UNIT
13	1	10965	100 PARTS PER UNIT
12	1	70964	100 PARTS PER UNIT
11	4	70904-11	100 PARTS PER UNIT
10	2	70837	100 PARTS PER UNIT
9	2	72699	100 PARTS PER UNIT
8	1	72734	100 PARTS PER UNIT
7	1	71293-11	100 PARTS PER UNIT
6	1	70817	100 PARTS PER UNIT
5	1	71895	100 PARTS PER UNIT
4	1	70816	100 PARTS PER UNIT
3	2	70813	100 PARTS PER UNIT
2	6	70809	100 PARTS PER UNIT
1	1	70809	100 PARTS PER UNIT

CROSS REFERENCE DATA TABLE

PART NO.	DUKE POWER CO./MILL. POWER SUPPLY CO.
70460-1	97-2002 (M-1000) REV. 97-2002-2

FOR INFORMATION ON CONTINUED
GNM 1205.00 0093 001

ITEM	DESCRIPTION	QTY	UNIT	REMARKS

- HEAT TREAT PER MIL-H-8875 CLASS D COND H-1108.
- ALT. MATERIAL ASME SA554 TYPE 630.
- VALVE OPEN LIMIT SWITCH MUST BE ADJUSTED PRIOR TO ADJUSTING VALVE CLOSED LIMIT SWITCH.
- TORQUE TO 88-100 INCH POUNDS.
- MAY BE PURCHASED FROM HANCO CONTROLS AN ASHC-CLEVELAND CO., CLEVELAND, OHIO.
- TORQUE TO 45-50 FOOT POUNDS.
- LOCKWIRE CNR MS 33540.

- FULL PENETRATING WELD PER NPS 701.6 OR ASB 5-25.
- SEAL WELDED PER NPS 701.6 OR NPS 4-1.
- HEAT TREATED PER MIL-H-8875 CLASS D COND H-1108.
- WELD FACED PER NPS 701.6 OR NPS 4-1.
- MATERIAL CONFORMS TO ASME BOILER AND PRESSURE VESSEL CODE SECTION III AND NPS 7020.9, EXCEPT RADIOGRAPHIC EXAMINATION.
- APPLY APPLICABLE NOMENCLATURE PER NPS 7200.7 CLASS 2 CHARACTERISTICS TO BE .253 HIGH MINIMUM.
- N-TYPE SYMBOL STAMP SHALL BE APPLIED PER NUCLEAR PRODUCTS QUALITY ASSURANCE MANUAL SECTION 4.
- APPLY A THIN COAT OF ITEM 58 TO INDICATED THREADS.
- MAY BE PURCHASED FROM HANCO INDUSTRIES PORT HURON, MICH.
- RADIOGRAPHIC EXAMINATION PER NPS 7020.9 OR NPS 6-9.
- MAY BE PURCHASED FROM PROTECTIVE CLOSURES INC. BUFFALO, N.Y.
- TESTING SHALL BE IN ACCORDANCE WITH ATP 70462-1.
- PRESSURE BOUNDARY ITEM PER ASME BOILER AND PRESSURE VESSEL CODE SECTION III CLASS 1.
- INTERNET DRAWING DIMENSIONS AND TOLERANCES TO BE IN ACCORDANCE WITH ANSI STANDARD Y14.5.
- (P) PRESIDENT

- SECTION A-A**
- SILVER PLATED PER ASTM B254.
- TORQUE TO 275-300 FOOT POUNDS.
- WEIGHT VALVE: 300 LBS AND OPERATOR: 263 LBS.
- CLASSED OPERATOR AND VALVE 647 LBS.
- APPLY APPLICABLE NOMENCLATURE PER NPS 7000.7 CLASS 2 CHARACTERISTICS TO BE .253 MIN. HIGH.
- COEFFICIENT OF FLOW $C_v = 752$ CALCULATED.
- MIN. WALL THICKNESS AS MEASURED 3 PLACES 3/8" APART.
- MIN. WALL THICKNESS AS MEASURED 3 PLACES 3/8" APART.
- MASK ALL PARTS EXCEPT ITEMS 3, 4, 9, 17, 24, 25, 32, 39 & 53.
- PAINT PER DUKE POWER CO. SPEC. NO. 1000. QUALITY ASSURANCE FOR PAINTING TO BE PER DUKE POWER CO. SPEC. NO. 1000. SEE NOTE FOR MARKING INSTRUCTIONS.
- TORQUE TO 100-150 INCH POUNDS.
- MATERIAL CONFORMS TO ASME BOILER AND PRESSURE VESSEL CODE SECTION III AND NPS 7017.0 EXCEPT RADIOGRAPHIC EXAMINATION.
- TORQUE TO 38-35 FOOT POUNDS.
- TORQUE TO 35 INCH FOOT POUNDS.
- TORQUE TO 20 INCH FOOT POUNDS.
- MAXIMUM CHLORIDE CONTENT TO BE LESS THEN 200 PPM.
- PENETRANT EXAMINATION PER NPS 7020.9 OR NPS 6-1.
- CLAS AND PACKAGE PER NPS 7019.
- OPERATOR SIZED TO OPERATE VALVE AT A MAXIMUM DIFFERENTIAL PRESSURE OF 2735 PSI.

REVISIONS

NO.	DATE	DESCRIPTION

C 70460-1

PDR RIDS

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