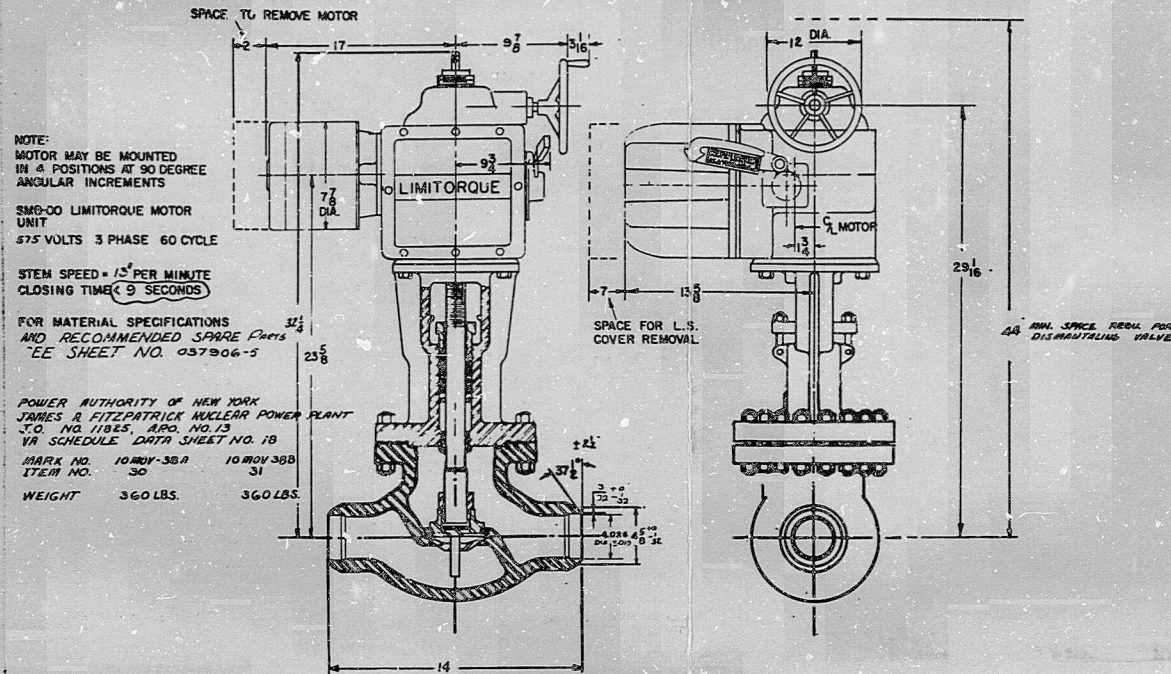


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DRAWING NUMBER
6.37-46

4" 300 POUND GLOBE VALVE
WELD ENDS MOTOR OPERATED FIG. NO. 3051-B WE



NOTE:
MOTOR MAY BE MOUNTED
IN 4 POSITIONS AT 90 DEGREE
ANGULAR INCREMENTS
SMB-00 LIMITORQUE MOTOR
UNIT
575 VOLTS 3 PHASE 60 CYCLE
STEM SPEED = 1/2 PER MINUTE
CLOSING TIME (9 SECONDS)

FOR MATERIAL SPECIFICATIONS
AND RECOMMENDED SPARE PARTS
SEE SHEET NO. 037906-5

POWER AUTHORITY OF NEW YORK
JAMES A. FITZPATRICK NUCLEAR POWER PLANT
CO. NO. 1185, RD. NO. 15
VA SCHEDULE DATA SHEET NO. 18
MARK NO. 10-MOV-38A 10-MOV-38B
ITEM NO. 30 31
WEIGHT 360 LBS. 360 LBS.

NOTE:

1. FOR STONE AND WEBSTER VENDOR
DRAWING "ACTION STAMPS" DATA SEE
REVISION 'C' OF THIS DRAWING

THE WM. POWELL CO.
CINCINNATI, OHIO U.S.A.

SHEET NO. 037906-4

9902100164

MATERIAL SPECIFICATIONS
FOR
4" 300 Pound Globe Valve
Fig. No. 3051 WE

| PART NAME | MATERIAL SYMBOL | MATERIAL | ASTM SPEC'S |
|----------------------|-----------------|---|----------------------------------|
| Body | P-200 | Carbon Steel | A-216 Gr. WCB |
| Bonnet | P-200 | Carbon Steel | A-216 Gr. WCB |
| Disc | P-133-4 | Stainless Steel | A-351 Gr. CA15 OR A-217 Gr. CA15 |
| Gland | P-98 | Malleable Iron | A-47 Gr. S2510 |
| Seat Ring | P-133-2 | Stainless Steel | A-351 Gr. CA15 OR A-217 Gr. CA15 |
| Lower Bonnet Bushing | P-140-4 | Stainless Steel | A-582 Type 416 |
| Packing Washer | P-144 | Steel | A-106 Gr. A |
| Stem | P-140-2 | Stainless Steel | A-582 Type 416 |
| Motor Nut | | Commercial | |
| Motor Unit | Commercial | Limitorque SMB-00 | |
| Studs | P-226 | Steel | A-193 Type B7 |
| Nuts | P-229 | Steel | A-194 Cl. 2H |
| Packing | P-440-2 | Asbestos | |
| Gasket | P-310 | Double Jacketed Armo Iron ASBESTOS OR MELRATH NON-ASBESTOS INSERT | |
| Key Bushing | P-145 | Carbon Steel | A-108 Gr. 1020 |
| Disc Nut | P-140-4 | Stainless Steel | A-582 Type 416 |
| Indicator Rod | P-147 | STEEL | A151 C12 L14 |
| PIPE PLUG | P-97 | CAST IRON | A-12G CLASS B |

For Assembly see Sheet No. 037906-4

The Wm. Powell Company
Cincinnati, Ohio, U.S.A.

Sh. No. 037906-4

UNCONTROLLED
DRAWING

Copy Data
Caution: Unchecked use of this drawing copy
may result in its inaccuracy due to subsequent
design changes and drawing updates.

APERTURE
CARD

| REV. | DESCRIPTION | DRWN | CHKD | BY | APPR | DATE |
|------|--|--------|------|----|------|----------|
| F | AS-BUILT PER MOD. NO. DI-91-115 | L.T.A. | | | | 12/20/83 |
| E | AS-BUILT PER MOD. NO. DI-89-009 | ER | | | | 12/16/83 |
| D | REPLACEMENT REPRODUCIBLE AS-BUILT PER DCR-88-111 | A.I. | | | | 12/16/83 |
| C | | | | | | |
| B | | | | | | |
| A | | | | | | |

REVISION BY NYPA

James A. Fitzpatrick
Nuclear Power Plant

TITLE: MOTOR OPERATED GLOBE VALVE
10-MOV-38A & 10-MOV-38B

CONC. ORIENT. I.D. NO.

VENDOR: THE WM. POWELL CO.

VENDOR DWG. No. 037906-4 & 037906-5 RD. NO. APO-13A

FILE No. 6.37-46 REV. F

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PDR RIDS

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