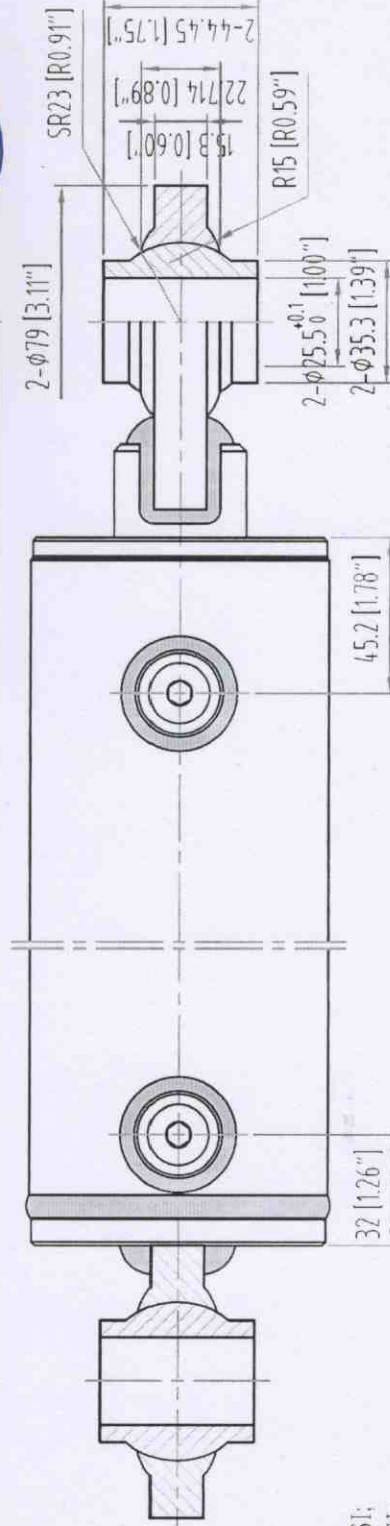
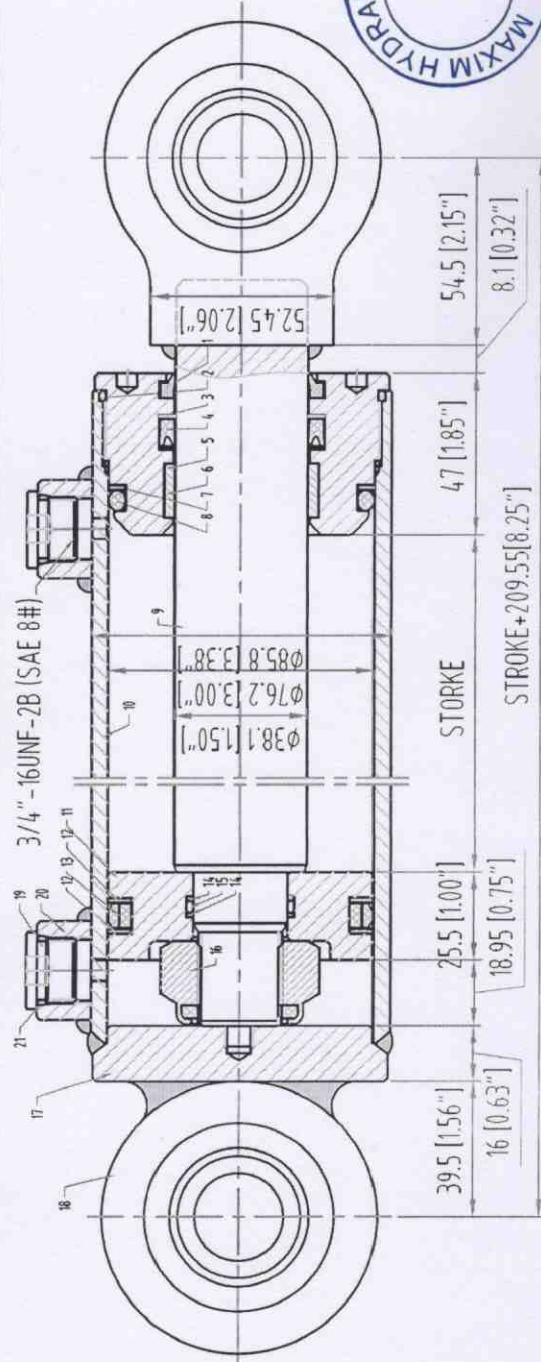


CUSTOMER APPROVAL

DATE

08/OCT/2012



## PRODUCT NOTES:

1. TEST PRESSURE: 4500PSI;
2. WORKING PRESSURE: 3000PSI;
3. PORT PLUG: 3/4" -16UNF;
4. TORQUE ON PISTON: M24\*2=44 ± 5% N.m;
5. PAINT COLOR: BLACK;

| REV. SYMBOL          | REV | DATE | DWG# | ITEM                                         | Q'TY | SPECIFICATION | MATL |
|----------------------|-----|------|------|----------------------------------------------|------|---------------|------|
| HA3000GG-0000-000000 |     |      |      | CYLINDER                                     |      |               |      |
| DRAWER               |     |      |      | DESIGNER                                     | QA   | APPD          | DATE |
| TOLERANCE            |     |      |      | SCALE                                        |      |               |      |
| OVER-UP TO           |     |      |      | MFG. SYMBOL                                  |      |               |      |
| 6 BELOW              |     |      |      | REF.DWG#                                     |      |               |      |
| 6-30                 |     |      |      | TA TA SCIENCE AND TECHNOLOGY(NINGGUO)CO.,LTD |      |               |      |
| 30-100               |     |      |      | 大大科技(宁国)有限公司                                 |      |               |      |
| 100-300              |     |      |      |                                              |      |               |      |
| 300-1000             |     |      |      |                                              |      |               |      |

| NO. | DESCRIPTION     | QTY | SPECIFICATION            |
|-----|-----------------|-----|--------------------------|
| 1   | PISTON          | 1   | 3/4" -16UNF -2B (SAE 8#) |
| 2   | O-RING          | 1   | 4.500000                 |
| 3   | BACK-UP RING    | 1   |                          |
| 4   | PISTON SEAL     | 1   | 1.140000                 |
| 5   | GLAND           | 1   |                          |
| 6   | PISTON RING     | 1   |                          |
| 7   | BACK-UP RING    | 1   |                          |
| 8   | O-RING          | 1   | 5.330000                 |
| 9   | PISTON ROD      | 1   |                          |
| 10  | CYLINDER        | 1   |                          |
| 11  | PISTON          | 1   |                          |
| 12  | BACK-UP RING    | 2   |                          |
| 13  | SEALS           | 1   | 1.140000                 |
| 14  | BACK-UP RING    | 2   |                          |
| 15  | O-RING          | 1   | 2.520000                 |
| 16  | NECK NT         | 1   | M24*2                    |
| 17  | END CUP         | 1   |                          |
| 18  | BACK-UP CLEVIS  | 2   |                          |
| 19  | STEEL PIPE PLUG | 2   |                          |
| 20  | SOCKETS         | 4   | 3/4" -16UNF              |
| 21  | O-RING          | 4   |                          |

| NO. | ITEM   | STROKE | R. LIGHT | SPEC. | TA TA INC#           |
|-----|--------|--------|----------|-------|----------------------|
| 1   | 400-21 | 4"     | 18.25"   |       | BK-02025-4000-000000 |
| 2   | 400-25 | 10"    | 18.25"   |       | BK-02540-4000-000000 |
| 3   | 400-21 | 12"    | 20.25"   |       | BK-02025-4000-000000 |
| 4   | 400-20 | 20"    | 28.25"   |       | BK-02020-4000-000000 |
| 5   | 400-21 | 24"    | 32.25"   |       | BK-02021-4000-000000 |