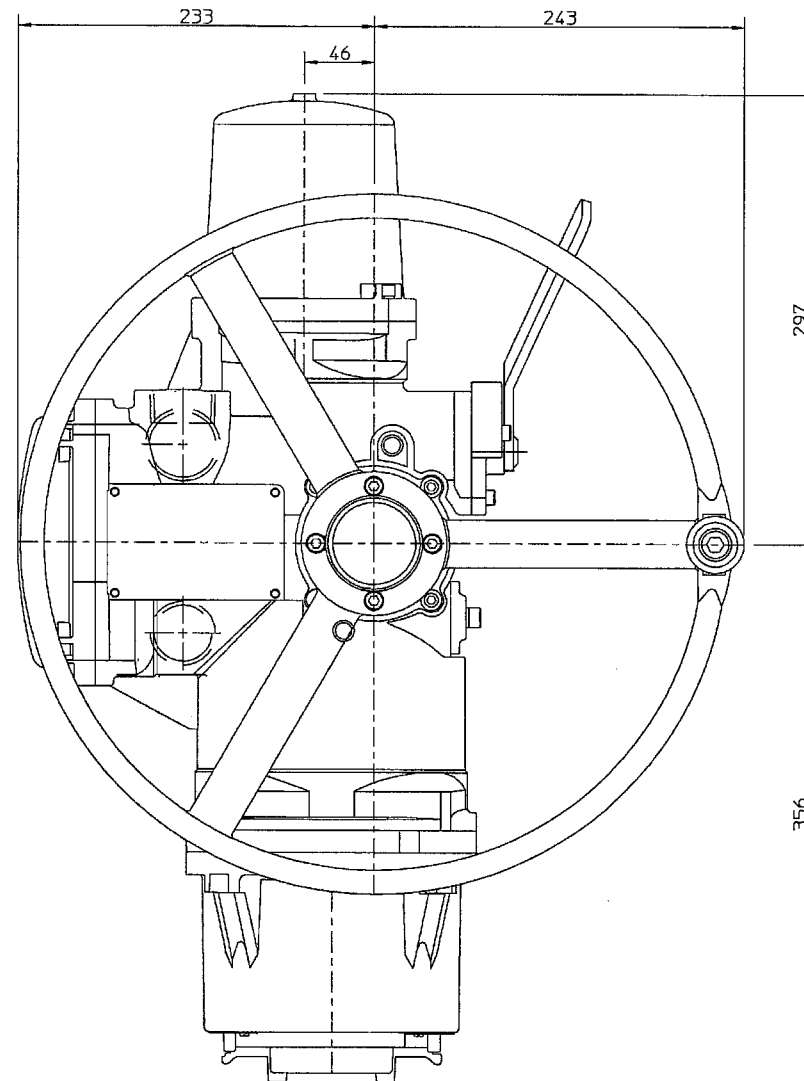



| ITEM | QTY | DESCRIPTION | MATERIAL |
|------|-----|--|-------------------------------|
| 01 | 1 | BODY КОРПУС | ASTM A182 F91 / SA182 F91 |
| 02 | 1 | SEAT СЕДЛО | STELLITE |
| 04 | 1 | LOOSE BACKSEAT РАЗРЯДНАЯ ПРОБКА | AISI 304 |
| 05 | 1 | PACKING НАБИВКА ШТОКА | GRAPHITE |
| 07 | 1 | GLAND / FLANGE САЛЬНИК / ФЛАНЕЦ | AISI 304 / CARBON STEEL |
| 09 | 2 | GLAND BOLT / NUT ГАЙКА/БОЛТ САЛЬНИКА | ASTM A193 B7 / A194 2H |
| 11 | 1 | STEM / DISC ШТОК / ДИСК | 17Cr / STELLITED |
| 12 | 1 | FLANGE / YOKE ФЛАНЕЦ/ХОМУТ | CARBON STEEL |
| 15 | 1 | POSITION INDICATOR ИНДИКАТОР ПОЛОЖЕНИЯ | 17Cr |
| 23 | 1 | PARALLEL KEY ПРИЗМ. ШПОНКА | STAINLESS STEEL |
| 25 | 1 | SET SCREW РЕГУЛИРОВОЧНЫЙ ВИНТ | STEEL ZINC PLATED |
| 27 | 2 | SPRINGWASHER ПРУЖИННАЯ ШАЙБА | STEEL ZINC PLATED |
| 44 | 1 | NAMEPLATE ШИЛЬДИК | ALUMINIUM |
| 47 | 4 | BOLT БОЛТ | STEEL ZINC PLATED |
| 48 | 4 | SPRING WASHER ПРУЖИННАЯ ШАЙБА | STEEL ZINC PLATED |
| 49 | 1 | ELECTRIC ACTUATOR ЭЛЕКТРИЧЕСКИЙ ПРИВОДОМ | MAKE: LIMITORQUE TYPE: MX10-A |

| MAIN DIMENSIONS IN MM. | | | | | | | | |
|------------------------|-----------|----|----|-----|-----|----|----------|----------|
| ITEM NR. | NOM. SIZE | A | B | C | D | E | WEIGHT | CV-VALUE |
| 118 | 50MM | 36 | 40 | 300 | 350 | 72 | 57.8 KG. | 31.5 |

| MAIN DIMENSIONS IN INCHES | | | | | | |
|---------------------------|------|------|-------|-------|------|-----------|
| NOM. SIZE | A | B | C | D | E | WEIGHT |
| 2" | 1.42 | 1.57 | 11.81 | 13.78 | 2.83 | 127.4 LBS |



ACTUATOR TOPVIEW

| | | | |
|--------------------|-------------------|---|---------------------------------------|
| HP VALVES REF. | : 20100006 |  | P.O. Box 151 |
| APPROVAL | : <i>gk</i> | | 7570 AD Oldenzaal |
| PROJECT REFERENCE: | MAJVINSKAYA CCPP | | The Netherlands |
| CLIENT P/O NO | : 203/2010/900588 | | Tel +31 (0)541 519555 |
| CLIENT | : CMI | | www.hpvalves.com info@hpvalves.com |

| |
|---------------------|
| REQ. NUMBER: 239118 |
|---------------------|

| DESIGN PRESS. DESIGN TEMP. | | |
|-------------------------------|---------|-----|
| TAG NR. | BAR (G) | °C |
| 15LBA10AA133 | 142 | 575 |

| | |
|------------------|---|
| PRESSURE TESTING | ACC. ASME B16.34 |
| VALVE DESIGN | ACC. ASME B16.34 |
| END CONN. | SW SCHED.160 ACC. ASME B16.11 |
| HP FIG. NR. | 02.1.2 |
| COATING SYSTEM | FIRST LAYER HEMPEL GALVOSIL 15700 SECOND LAYER HEMPEL SILICONE ALUMINIUM 56910 |

| | | | | | | |
|--------------|--------------|-------------------------|-------------------|----------------|-----------------|----------------|
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| A | 28.01.2010 | FIRST ISSUE. | R.T.B | | R.K | |
| IZM. REV. | DATA DATE | OPISANJE DESCRIPTION | NACERCENO DRN. | RAZRA. STR. | PROVER. CHK. | UTVER. APP. |



ЧЕТВЕРТАЯ ГЕНЕРИРУЮЩАЯ КОМПАНИЯ
ОПТОВОГО РЫНКА ЭЛЕКТРОЭНЕРГИИ

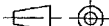

ENKA

Power Systems B.V.

`YVINSKA` GR_S

YAJVA STATE DISTRICT POWER PLANT

TITLE: FORGED STEEL THROTTLE VALVE WITH ELECTRIC ACTUATOR
PRESSURE CLASS: 2500 LBS
NOM SIZE: 2"

| STATUS | | REVISIONS | | | | | | | | | | | | | |
|----------------------------------|---|-----------|--|--|--|--|--|--|--|--|--|-------------|----------|---|--|
| PRELIMINARY | | | | | | | | | | | | E/01/161031 | |  | |
| FOR LAYOUT | | | | | | | | | | | | ORDER N° | | | |
| FOR CONSTRUCTION | A | | | | | | | | | | | Engineer | LEVAUX |  | |
| FOR CONSTRUCTION EXCEPT HOLD | | | | | | | | | | | | Checker | R.K | | |
| AS BUILT | | | | | | | | | | | | Draftman | R. t . B | | |
| Destination | | | | | | | | | | | | Name | | Signature | |
| YAJVA STATE DISTRICT POWER PLANT | | | | | | | | | | | | | | | |

| | |
|-------------|---|
| Designation | HP LIVE STEAM ISOLATION VALVE BY-PASS VALVE |
|-------------|---|

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| | |
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| N° Draw | |
|---------|--|

66094/23118/2

Scale:

Sheet: 1 / 1