



| Item | Component | Material | Lining |
|------|-------------------------|-----------------|--------|
| 1 | HANDWHEEL SPINDLE | MILD STEEL | |
| 2 | UPPER DIAPHRAGM PLATE | MILD STEEL | |
| 3 | INNER SPRING | STEEL | |
| 4 | OUTER SPRING | STEEL | |
| 5 | UPPER CYLINDER | SILICON ALUM. | |
| 6 | DIAPHRAGM PLATE | FORGED STEEL | |
| 7 | OPERATING DIAPHRAGM | RUBBER | |
| 8 | LOWER CYLINDER | SILICON ALUM. | |
| 9 | MASTER SPINDLE | STAINLESS STEEL | |
| 10 | SPINDLE ADAPTER | STAINLESS STEEL | |
| 11 | BONNET | CAST IRON | |
| 12 | COMPRESSOR | CAST IRON | |
| 13 | LINE DIAPHRAGM | RUBBER | |
| 14 | BODY | CAST IRON | GLASS |
| 15 | FAIRCHILD REGULATOR | | |
| 16 | MOUNTING BRACKET | STAINLESS STEEL | |
| 17 | HANDWHEEL | CAST IRON | |
| 18 | '007' SWITCHBOX | | |
| 19 | MOUNTING BRACKET | STAINLESS STEEL | |
| 20 | VIAPOS MIDI POSITIONER | | |
| 21 | MOUNTING BRACKET | STAINLESS STEEL | |
| 22 | LOWER CYLINDER 'O' RING | NITRILE | |

| Size(DN) | A | B | C | D | E | F | G | H | I |
|----------|-----|-----|-----|-----|-----|-----|-----|-----|------|
| 80 | 845 | 254 | 310 | 863 | 819 | 230 | 212 | 199 | 912 |
| 100 | 871 | 305 | 350 | 889 | 843 | 280 | 212 | 199 | 938 |
| 125 | 879 | 356 | 400 | 897 | 845 | 280 | 212 | 199 | 946 |
| 150 | 948 | 406 | 480 | 966 | 936 | 280 | 212 | 199 | 1044 |

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The Science Inside

Title
GENERAL ARRANGEMENT OF 'KB' TYPE ES64 SPRING CLOSING MODULAR ACTUATOR (E8400) COMPLETE WITH OPTIONS FITTED ON GLASS LINED FLANGED BODY

| | | | | |
|---------------------------------|-----|--------------|---------------|-------------------------------------|
| Drawn | NAW | Date | 22.10.14 | UNCONTROLLED IN HARD COPY FORMAT |
| Checked | RND | Date | 22.10.14 | |
| First Angle Projection Method E | | DO NOT SCALE | Drawing No. | Issue. |
| | | | KB-ES64-GLASS | 1 |