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|---------------------------------------|---------------------------------|---------------------------|---|-------|-------|--------------------------------------|--|--------------------------|--------|-----------------|-------|---|
| 1 | RESPONSIBLE ORGANIZATION | | LINEAR MOTION TYPE EMERGENCY VALVE ASSEMBLY EMERGENCY VENTING VALVE OPERATING PARAMETERS w/wo Sizing Calculation Results | | | SPECIFICATION IDENTIFICATIONS | | | | | | |
| 2 | Enter Company | | | | | 6 | Document number | REQUIRED Document number | | | | |
| 3 | Enter Company Address | | | | | 7 | Latest revision | Click | Date | (Publish Date) | | |
| 4 | | | | | | 8 | Issue status | Choose status | | | | |
| 5 | | | | | | 9 | Choose an item. | Choose an item. | | | | |
| ADMINISTRATIVE IDENTIFICATIONS | | | SERVICE IDENTIFICATIONS Continued | | | | | | | | | |
| 11 | Project number | Choose an | Sub project | + | 41 | Inline hazardous area class | + | Div/Zone | + | Group | + | |
| 12 | Project | Choose an item. | | | 42 | Inline area min ignition temp | Click | | T-Code | + | | |
| 13 | Enterprise | Choose an item. | | | 43 | Remote hazardous area class | + | Div/Zone | + | Group | + | |
| 14 | Site/Plant | Choose an item. | | | 44 | Remote area min ignition temp | Click | | T-Code | + | | |
| 15 | Area | | Unit | + | 45 | Choose an item. | Choose an item. | | | | | |
| 16 | Choose an item. | Choose an item. | | | 46 | Choose an item. | Choose an item. | | | | | |
| SERVICE IDENTIFICATIONS | | | COMPONENT DESIGN CRITERIA | | | | | | | | | |
| 17 | Tag no/Functional ID | Click here to enter text | | | 47 | Component type | emergency venting valve | | | | | |
| 18 | Related equipment | Choose an item. | | | 48 | Component style | Choose an item. | | | | | |
| 19 | Service | Click here to enter text. | | | 49 | Input signal type | Choose an item. | | | | | |
| 20 | Application service | Choose an item. | | | 50 | Minimum seat leakage class | Choose an item. | | | | | |
| 21 | P&ID/Reference drawing | Choose an item. | | | 51 | Maximum stem leakage rate | | | | | | |
| 22 | Upstream line/nozzle number | Choose an item. | | | 52 | Type of protection | Choose an item. | | | | | |
| 23 | Upstream line pipe spec | Choose an item. | | | 53 | Criticality classification | Choose an item. | | | | | |
| 24 | Upstream line nominal size | + | Rating | + | 54 | EMC classification | | Ref | | Choose an item. | | |
| 25 | Upstream line connection type | + | Style | + | 55 | Minimum ambient temperature | Click | + | Max | Click | + | |
| 26 | Upstream line schedule no | + | Wall thickness | Click | + | 56 | Minimum closing travel time | Click | + | Max | Click | + |
| 27 | Upstream connection orientation | Choose an item. | | | 57 | Minimum opening travel time | Click | + | Max | Click | + | |
| 28 | Upstream line material type | Choose an item. | | | 58 | Frequency of operation | Choose an item. | | | | | |
| 29 | Connection design code | Choose an item. | | | 59 | Actuator sizing factor | | | | | | |
| 30 | Downstream line/nozzle number | Choose an item. | | | 60 | Available nominal power | + | + | | Number wires | + | |
| 31 | Downstream line pipe spec | Choose an item. | | | 61 | Available nominal air supply | + | + | | | | |
| 32 | Downstream line nominal size | + | Rating | + | 62 | Testing/Listing agency | Choose an item. | | | | | |
| 33 | Downstream line connection type | + | Style | + | 63 | Test requirements | Choose an item. | | | | | |
| 34 | Downstream line schedule no | + | Wall thickness | Click | + | 64 | Supply loss failure mode | Choose an item. | | | | |
| 35 | Downstream conn orientation | Choose an item. | | | 65 | Signal loss failure mode | Choose an item. | | | | | |
| 36 | Downstream line material type | Choose an item. | | | 66 | Calculation report | Choose an item. | | | | | |
| 37 | Insulation thickness | Click | | | 67 | Choose an item. | Choose an item. | | | | | |
| 38 | | | | | 68 | Choose an item. | Choose an item. | | | | | |
| 39 | | | | | 69 | Choose an item. | Choose an item. | | | | | |
| 40 | | | | | 70 | Choose an item. | Choose an item. | | | | | |
| PROCESS VARIABLES | | | MATERIAL FLOW CONDITIONS | | | PROCESS DESIGN CONDITIONS | | | | | | |
| 71 | Flow Case Identification | | | | Units | 102 | Minimum | Maximum | Units | | | |
| 72 | Inlet pressure | | | | | 103 | | | | + | | |
| 73 | Outlet pressure | | | | | 104 | | | | + | | |
| 74 | Inlet temperature | | | | | 105 | | | | + | | |
| 75 | Inlet phase type | + | + | + | | 106 | | | | + | | |
| 76 | Liquid viscosity | | | | | 107 | | | | + | | |
| 77 | Solids content | | | | | 108 | | | | + | | |
| 78 | Choose an item. | | | | | 109 | | | | + | | |
| 79 | | | | | | 110 | | | | + | | |
| 80 | | | | | | 111 | | | | | | |
| 81 | | | | | | 112 | | | | | | |
| 82 | | | | | | 113 | | | | | | |
| 83 | | | | | | 114 | | | | | | |
| 84 | | | | | | 115 | | | | | | |
| 85 | | | | | | 116 | | | | | | |
| 86 | | | | | | 117 | | | | | | |
| 87 | | | | | | 118 | | | | | | |
| 88 | | | | | | 119 | | | | | | |
| 89 | | | | | | 120 | | | | | | |
| 90 | | | | | | 121 | | | | | | |
| 91 | | | | | | 122 | | | | | | |
| 92 | | | | | | 123 | | | | | | |
| 93 | | | | | | 124 | | | | | | |
| 94 | | | | | | 125 | | | | | | |
| 95 | | | | | | 126 | | | | | | |
| 96 | | | | | | 127 | | | | | | |
| 97 | | | | | | 128 | | | | | | |
| 98 | | | | | | 129 | | | | | | |
| 99 | CALCULATED VARIABLES | | | | | 130 | | | | | | |
| 100 | Calculated travel time | | | | | 131 | | | | + | | |
| 101 | Choose an item. | | | | | 132 | | | | + | | |
| MATERIAL PROPERTIES | | | MATERIAL PROPERTIES Continued | | | | | | | | | |
| 133 | Material name | Choose an item. | | | 138 | Choose an item. | Choose an item. | | | | | |
| 134 | Material composition | Choose an item. | | | 139 | Choose an item. | Choose an item. | | | | | |
| 135 | GHS health hazard | Choose an item. | | | 140 | Choose an item. | Choose an item. | | | | | |
| 136 | Choose an item. | Choose an item. | | | 141 | | | | | | | |
| 137 | | | | | 142 | | | | | | | |
| Rev | Date | Revision Description | By | Appv1 | Appv2 | Appv3 | REMARKS | | | | | |
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| 1 | RESPONSIBLE ORGANIZATION | | LINEAR MOTION TYPE EMERGENCY VALVE ASSEMBLY EMERGENCY VENTING VALVE DEVICE SPECIFICATION | | | | 6 | SPECIFICATION IDENTIFICATIONS | | |
| 2 | Enter Company | | | | | | 7 | Document number | REQUIRED Document number | |
| 3 | Enter Company Address | | | | | | 8 | Latest revision | Click Date [Publish Date] | |
| 4 | | | | | | | 9 | Issue status | Choose status | |
| 5 | | | | | | | 10 | Choose an item. | Choose an item. | |
| VALVE BODY AND BONNET | | | 75 | POSITION SWITCHES | | | | | | |
| 12 | Body type | Choose an item. | | | 76 | Housing type | Choose an item. | | | |
| 13 | Bonnet style | Choose an item. | | | 77 | Sensor style | Choose an item. | | | |
| 14 | End connection nominal size | + | Rating | + | 78 | Output signal type | Choose an item. | | | |
| 15 | Inlet conn termination type | + | Style | + | 79 | Enclosure type no/class | Choose an item. | | | |
| 16 | Outlet conn termination type | + | Style | + | 80 | Contacts AC rating | + | At Max | + | |
| 17 | Flange facing finish | Choose an item. | | | 81 | Contacts DC rating | + | At Max | + | |
| 18 | Stem seal type | Choose an item. | | | 82 | Contacts arrangement | + | Quantity | + | |
| 19 | Face-to-face standard | Choose an item. | | | 83 | Integral indicator style | Choose an item. | | | |
| 20 | Body and bonnet material | Choose an item. | | | 84 | Signal connection nominal size | + | Style | + | |
| 21 | Lining material | Choose an item. | | | 85 | Type of protection | Choose an item. | | | |
| 22 | Body/Bonnet bolting material | Choose an item. | | | 86 | Mounting location/type | Choose an item. | | | |
| 23 | Packing flange bolting material | Choose an item. | | | 87 | Enclosure material | Choose an item. | | | |
| 24 | Gasket/O ring material | Choose an item. | | | 88 | Shaft material | Choose an item. | | | |
| 25 | Packing material | Choose an item. | | | 89 | Bushing material | Choose an item. | | | |
| 26 | Bellows seal material | Choose an item. | | | 90 | Fastener material | Choose an item. | | | |
| 27 | Choose an item. | Choose an item. | | | 91 | Gasket/O ring material | Choose an item. | | | |
| 28 | Choose an item. | Choose an item. | | | 92 | Choose an item. | Choose an item. | | | |
| 29 | VALVE TRIM | | | | 93 | Choose an item. | Choose an item. | | | |
| 30 | Closure member type | Choose an item. | | | 94 | SOLENOID OR PILOT VALVE | | | | |
| 31 | Trim style | Choose an item. | | | 95 | Body type | Choose an item. | | | |
| 32 | Port diameter | + | | | 96 | Enclosure style | Choose an item. | | | |
| 33 | Flow direction design | Choose an item. | | | 97 | Inlet conn nominal size | + | Style | + | |
| 34 | API trim no/Mfr trim code | Choose an item. | | | 98 | Coil watt rating | + | | | |
| 35 | Stem diameter | + | Rt travel | + | 99 | Coil insulation class | Choose an item. | | | |
| 36 | Closure member material | Choose an item. | | | 100 | Enclosure type no/class | Choose an item. | | | |
| 37 | Seat material | Choose an item. | | | 101 | Minimum operating pressure diff | + | Max | + | |
| 38 | Stem material | Choose an item. | | | 102 | Signal power source | Choose an item. | | | |
| 39 | Seat retainer ring material | Choose an item. | | | 103 | Manual operator type | Choose an item. | | | |
| 40 | Guide/Thrust bearing material | Choose an item. | | | 104 | Type of actuation | Choose an item. | | | |
| 41 | Hard facing/coating | Choose an item. | | | 105 | Coil type | Choose an item. | | | |
| 42 | Choose an item. | Choose an item. | | | 106 | Operation style | Choose an item. | | | |
| 43 | Choose an item. | Choose an item. | | | 107 | Press port orifice size | + | Exhaust | + | |
| 44 | ACTUATOR | | | | 108 | Signal connection nominal size | + | Style | + | |
| 45 | Actuator type | Choose an item. | | | 109 | Type of protection | Choose an item. | | | |
| 46 | Acting style | Choose an item. | | | 110 | Mounting location/type | Choose an item. | | | |
| 47 | Nominal size | Choose an item. | | | 111 | Enclosure material | Choose an item. | | | |
| 48 | Maximum supply capability | + | | | 112 | Body material | Choose an item. | | | |
| 49 | Handwheel position | Choose an item. | | | 113 | Seat/Disc/Diaphragm material | Choose an item. | | | |
| 50 | Mounting orientation | Choose an item. | | | 114 | Choose an item. | Choose an item. | | | |
| 51 | Manual override type | Choose an item. | | | 115 | POSITION TRANSMITTER | | | | |
| 52 | Mechanical stop | Choose an item. | | | 116 | Housing type | Choose an item. | | | |
| 53 | Mounting adaption | Choose an item. | | | 117 | Sensor style | Choose an item. | | | |
| 54 | Casing/Cylinder material | Choose an item. | | | 118 | Output signal type | Choose an item. | | | |
| 55 | Diaphragm/O ring material | Choose an item. | | | 119 | Accuracy/Linearity rating | + | Ref | Choose an | |
| 56 | Piston/Vane material | Choose an item. | | | 120 | Enclosure type no/class | Choose an item. | | | |
| 57 | Yoke material | Choose an item. | | | 121 | Digital communication std | Choose an item. | | | |
| 58 | Spring material | Choose an item. | | | 122 | Signal power source | Choose an item. | | | |
| 59 | Choose an item. | Choose an item. | | | 123 | Integral indicator style | Choose an item. | | | |
| 60 | Choose an item. | Choose an item. | | | 124 | Signal connection nominal size | + | Style | + | |
| 61 | VALVE CONTROL MODULE | | | | 125 | Type of protection | Choose an item. | | | |
| 62 | Configuration type | Choose an item. | | | 126 | Mounting location/type | Choose an item. | | | |
| 63 | Input signal type | Choose an item. | | | 127 | Enclosure material | Choose an item. | | | |
| 64 | Enclosure type no/class | Choose an item. | | | 128 | Choose an item. | Choose an item. | | | |
| 65 | Signal power source | Choose an item. | | | 129 | Choose an item. | Choose an item. | | | |
| 66 | Digital communication std | Choose an item. | | | 130 | SUPPLY PRESSURE TRIP VALVE | | | | |
| 67 | Type of protection | Choose an item. | | | 131 | Configuration type | Choose an item. | | | |
| 68 | Signal connection nominal size | + | Style | + | 132 | Volume tank size | + | | | |
| 69 | Pressure gauge | Choose an item. | | | 133 | Trip set pressure reset | Click | Ref | Choose an item. | |
| 70 | Mounting location/type | Choose an item. | | | 134 | Tank maximum working pressure | + | | | |
| 71 | Reset type | Choose an item. | | | 135 | Minimum supply capability | + | Max | + | |
| 72 | Diagnostics level | Choose an item. | | | 136 | Trip set pressure LRL | + | URL | + | |
| 73 | Enclosure material | Choose an item. | | | 137 | Construction code | Choose an item. | | | |
| 74 | Choose an item. | Choose an item. | | | 138 | Mounting location/type | Choose an item. | | | |
| Rev | Date | Revision Description | By | Appv1 | Appv2 | Appv3 | REMARKS | | | |
| Click | Date | Click here to enter text. | Click | Click | Click | Click | Click to enter Word/SharePoint Document Comments | | | |
| Click | Date | Click here to enter text. | Click | Click | Click | Click | | | | |
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| Click | Date | Click here to enter text. | Click | Click | Click | Click | | | | |

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| 1 | RESPONSIBLE ORGANIZATION | | LINEAR MOTION TYPE EMERGENCY VALVE ASSEMBLY EMERGENCY VENTING VALVE DEVICE SPECIFICATION | | | 6 | SPECIFICATION IDENTIFICATIONS | | | |
| 2 | Enter Company | | | | | 7 | Document number | REQUIRED Document number | | |
| 3 | Enter Company Address | | | | | 8 | Latest revision | Click | Date | [Publish Date] |
| 4 | | | | | | 9 | Issue status | Choose status | | |
| 5 | | | | | | 10 | Choose an item. | Choose an item. | | |
| SUPPLY PRESSURE TRIP VALVE Continued | | | | | | PERFORMANCE CHARACTERISTICS | | | | |
| 212 | Body material | Choose an item. | | 248 | Max pressure at design temp | Click | At | Click | | |
| 213 | Diaphragm/O ring material | Choose an item. | | 250 | Minimum working temperature | Click | Max | Click | | |
| 214 | Choose an item. | Choose an item. | | 251 | Rated flow coefficient type | + | Coefficient | Click | | |
| MECHANICAL LOCKING OR PARTIAL STROKE | | | | | | 252 Rated seat leakage class Choose an item. | | | | |
| 216 | Configuration type | Choose an item. | | 253 | Valve required thrust | Click | | | | |
| 217 | Locking style | Choose an item. | | 254 | Actuator rated thrust | Click | At | Click | | |
| 218 | Fail direction | Choose an item. | | 255 | Minimum ambient working temp | + | Max | + | | |
| 219 | Test travel limit | + | | 256 | Valve actuator SIL | + | Controller SIL | + | | |
| 220 | Switch function | Choose an item. | | 257 | Choose an item. | Choose an item. | | | | |
| 221 | Engagement key type | Choose an item. | | ACCESSORIES | | | | | | |
| 222 | Enclosure type no/class | Choose an item. | | 259 | Air set filter style | Choose an item. | | | | |
| 223 | Contacts AC rating | + | At Max | + | 260 | Air set gauges | Choose an item. | | | |
| 224 | Contacts DC rating | + | At Max | + | 261 | Tubing nominal size | Choose an item. | | | |
| 225 | Contacts arrangement | + | Quantity | + | 262 | Tubing and fitting material | Choose an item. | | | |
| 226 | Test by-pass mechanism | Choose an item. | | 263 | Bypass valve | Choose an item. | | | | |
| 227 | Signal power source | Choose an item. | | 264 | Mounting hardware material | Choose an item. | | | | |
| 228 | Signal connection nominal size | + | Style | + | 265 | Speed control | Choose an item. | | | |
| 229 | Type of protection | Choose an item. | | 266 | Choose an item. | Choose an item. | | | | |
| 230 | Mounting location/type | Choose an item. | | SPECIAL REQUIREMENTS | | | | | | |
| 231 | Enclosure material | Choose an item. | | 268 | Custom tag | Choose an item. | | | | |
| 232 | Body material | Choose an item. | | 269 | Reference specification | Choose an item. | | | | |
| 233 | Choose an item. | Choose an item. | | 270 | Special preparation | Choose an item. | | | | |
| 234 | Choose an item. | Choose an item. | | 271 | Compliance standard | Choose an item. | | | | |
| ACTUATOR FIRE PROTECTION | | | | | | 272 Calculation report Choose an item. | | | | |
| 236 | Configuration type | Choose an item. | | 273 | Certification type | Choose an item. | | | | |
| 237 | Support style | Choose an item. | | 274 | Certificate/Approval | Choose an item. | | | | |
| 238 | Fusible element size | + | Rating | + | 275 | Special inspection | Choose an item. | | | |
| 239 | Fire test design | Choose an item. | | 276 | Software configuration | Choose an item. | | | | |
| 240 | Protection level | Choose an item. | | 277 | Choose an item. | Choose an item. | | | | |
| 241 | Control access | Choose an item. | | MODELING PHYSICAL DATA | | | | | | |
| 242 | Penetration requirement | Choose an item. | | 279 | Estimated weight | Click | | | | |
| 243 | Enclosure auxiliary device | Choose an item. | | 280 | Face-to-face dimension | Click | | | | |
| 244 | Insulation material | Choose an item. | | 281 | Overall height | Click | | | | |
| 245 | Environment protection | Choose an item. | | 282 | Removal clearance | Click | | | | |
| 246 | Fusible element body material | Choose an item. | | 283 | Manufacturer reference dwg | Choose an item. | | | | |
| 247 | Choose an item. | Choose an item. | | 284 | Choose an item. | Choose an item. | | | | |
| CALIBRATIONS AND TEST | | | INPUT OR TEST | | | OUTPUT OR SCALE | | | | |
| 310 | TAG NO/FUNCTIONAL ID | MEAS/SIGNAL/SCALE | | LRV | URV | ACTION | LRV | URV | | |
| 312 | Choose an item. | Controller input-Travel | | + | + | + | + | + | | |
| 313 | Choose an item. | Close sw energized-Travel | | + | + | + | + | + | | |
| 314 | Choose an item. | Open sw energized-Travel | | + | + | + | + | + | | |
| 315 | Choose an item. | Position-Output | | + | + | + | + | + | | |
| 316 | Choose an item. | Position-Scale | | + | + | + | + | + | | |
| 317 | Choose an item. | Partial stroke-Output | | + | + | + | + | + | | |
| 318 | Choose an item. | Position close sw-Output | | + | + | + | + | + | | |
| 319 | Choose an item. | Position open sw-Output | | + | + | + | + | + | | |
| 320 | Choose an item. | Supply setpoint-Output | | + | + | Click | + | Click | | |
| 321 | Choose an item. | Test pressure | | + | + | Click | + | + | | |
| 322 | Choose an item. | Choose an item. | | Click | + | Click | + | Click | | |
| COMPONENT IDENTIFICATIONS | | | | | | | | | | |
| 324 | COMPONENT TYPE | MANUFACTURER | | | MODEL NUMBER | | | | | |
| 325 | emergency venting valve | Choose an item. | | | Click here to enter text. | | | | | |
| 326 | Actuator | Choose an item. | | | Click here to enter text. | | | | | |
| 327 | Valve control module | Choose an item. | | | Click here to enter text. | | | | | |
| 328 | Position switch 1 | Choose an item. | | | Click here to enter text. | | | | | |
| 329 | Position switch 2 | Choose an item. | | | Click here to enter text. | | | | | |
| 330 | Solenoid/Pilot valve | Choose an item. | | | Click here to enter text. | | | | | |
| 331 | Position transmitter | Choose an item. | | | Click here to enter text. | | | | | |
| 332 | Supply press trip valve | Choose an item. | | | Click here to enter text. | | | | | |
| 333 | Partial stroke | Choose an item. | | | Click here to enter text. | | | | | |
| 334 | Fire protection | Choose an item. | | | Click here to enter text. | | | | | |
| 335 | Choose an item. | Choose an item. | | | Click here to enter text. | | | | | |
| 336 | Choose an item. | Choose an item. | | | Click here to enter text. | | | | | |
| Rev | Date | Revision Description | | By | Appv1 | Appv2 | Appv3 | REMARKS | | |
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| 1 | RESPONSIBLE ORGANIZATION | | LINEAR MOTION TYPE | | | | 6 | SPECIFICATION IDENTIFICATIONS | |
| 2 | | [Enter Company] | EMERGENCY VALVE ASSEMBLY | | | | 7 | Document number | REQUIRED Document number |
| 3 | | [Enter Company Address] | EMERGENCY VENTING VALVE | | | | 8 | Latest revision | Click Date [Publish Date] |
| 4 | | | GENERAL OR SPECIAL | | | | 9 | Issue status | Select Status |
| 5 | | | REQUIREMENTS | | | | 10 | Choose an item. | Choose an item. |

This Optional Section of the Specification Form will NOT print if data has not been entered below.

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