

| GENERAL SPECIFICATION                    |          |                                     |        |                |         |                        |       |                           |        |                   |                      |                      |
|------------------------------------------|----------|-------------------------------------|--------|----------------|---------|------------------------|-------|---------------------------|--------|-------------------|----------------------|----------------------|
| RANGE                                    |          |                                     |        |                |         |                        |       |                           |        |                   |                      |                      |
| MODEL                                    | ISO 5211 | TORQUE (Nm)                         |        | TORQUE (lb-in) |         | SPRING END TORQUE (Nm) |       | SPRING END TORQUE (lb-in) |        | MAX STEM DIA (mm) | MAX STEM HEIGHT (mm) | OVER TRAVEL (Degree) |
|                                          |          | MIN                                 | MAX    | MIN            | MAX     | MIN                    | MAX   | MIN                       | MAX    |                   |                      |                      |
| A1                                       | F10/F12  | 132                                 | 1428   | 1168           | 12638   | 83                     | 279   | 735                       | 2469   | SQ-22             | 30                   | ±5°                  |
| 01                                       | F14/F16  | 225                                 | 2033   | 1992           | 17993   | 170                    | 666   | 1505                      | 5895   | Ø45               | 45                   |                      |
| 02                                       | F16      | 984                                 | 12575  | 8709           | 111298  | 555                    | 3670  | 4912                      | 32482  | Ø65               | 120                  |                      |
| 03                                       | F25      | 3364                                | 22254  | 29773          | 196964  | 1615                   | 6661  | 14294                     | 58955  | Ø80               | 130                  |                      |
| 04                                       | F30      | 7620                                | 48245  | 67442          | 427004  | 1706                   | 11322 | 15099                     | 100208 | Ø110              | 150                  |                      |
| 05                                       | F35      | 8787                                | 69302  | 77771          | 613374  | 3137                   | 14890 | 27765                     | 131787 | Ø125              | 185                  |                      |
| 06                                       | F30/F40  | 17000                               | 120867 | 150412         | 1069763 | 10316                  | 23313 | 91304                     | 206337 | Ø165              | 245                  |                      |
| CONFIGURATIONS                           |          |                                     |        |                |         |                        |       |                           |        |                   |                      |                      |
| DA                                       |          | DOUBLE ACTING                       |        |                |         |                        |       |                           |        |                   |                      |                      |
| TDA                                      |          | TANDEM DOUBLE ACTING                |        |                |         |                        |       |                           |        |                   |                      |                      |
| SR-FC                                    |          | SPRING RETURN - FAIL CLOSE          |        |                |         |                        |       |                           |        |                   |                      |                      |
| SR-FO                                    |          | SPRING RETURN - FAIL OPEN           |        |                |         |                        |       |                           |        |                   |                      |                      |
| OPERATING CONDITIONS                     |          |                                     |        |                |         |                        |       |                           |        |                   |                      |                      |
| PRESURE RANGE                            |          | 3.5 Bar to 10 Bar                   |        |                |         |                        |       |                           |        |                   |                      |                      |
| MEDIA                                    |          | INSTRUMENT AIR                      |        |                |         |                        |       |                           |        |                   |                      |                      |
| TEMPERATURE RANGE - STANDARD OPERARTIONS |          | -20° C to 85° C                     |        |                |         |                        |       |                           |        |                   |                      |                      |
| COMPLIANCES                              |          |                                     |        |                |         |                        |       |                           |        |                   |                      |                      |
| TORQUE BASE                              |          | MOUNTING DIMENSIONS AS PER ISO 5211 |        |                |         |                        |       |                           |        |                   |                      |                      |
| ACCESSORIES                              |          | SINGLE ACTING                       |        |                |         |                        |       |                           |        |                   |                      |                      |
| TESTING                                  |          | EN 15714-3-2009                     |        |                |         |                        |       |                           |        |                   |                      |                      |
| INGRESS PROTECTION                       |          | IP67                                |        |                |         |                        |       |                           |        |                   |                      |                      |
| SAFETY                                   |          | ATEX, SIL3 & PED                    |        |                |         |                        |       |                           |        |                   |                      |                      |