



### AVAILABLE SIZES

DN32 - DN50 (1 1/4" to 2")

### CONNECTIONS

DIN ISO 228 Female thread, ANSI B1.20.1 NPT Female thread, DIN 2353/ISO 8434-1 Light / Heavy series, SAE J 514/ISO/DIS11926-1 Female thread, others on request

### ACCESSORIES ON REQUEST

- Locking devices page 226 - 229
- Actuators 224 - 225
- Mounting holes 28
- Position switches 232 - 233
- Combinations on request
- Detent on request

### MATERIAL CODE DESCRIPTION

| Materials   | 44HA            | 44aA            |
|-------------|-----------------|-----------------|
| Body        | Stainless Steel | Stainless Steel |
| Ball        | Stainless Steel | Stainless Steel |
| Stem        | Stainless Steel | Stainless Steel |
| Ball seats  | POM*            | PEEK-ATEX*      |
| O-rings     | NBR             | NBR             |
| Tmin / Tmax | -30°C / 100°C   | -30°C / 100°C   |

\*with inner protection ring

### GENERAL DIMENSIONS

| Type      | l   | B   | H   | h   | m    | V    | SW | K   | Lever |
|-----------|-----|-----|-----|-----|------|------|----|-----|-------|
| MKHP-DN32 | 80  | 109 | 121 | 100 | 54,5 | 16,5 | 17 | 320 | Al    |
| MKHP-DN40 | 85  | 124 | 136 | 115 | 62   | 16,5 | 17 | 320 | Al    |
| MKHP-DN50 | 101 | 132 | 145 | 124 | 66   | 16,5 | 17 | 320 | Al    |

ATEX rating EX II 2G c



| CONNECTION TYPE              | DIMENSIONS       |    |     |    |        |             | ORDER CODE PER MATERIAL COMBINATION |       |       |
|------------------------------|------------------|----|-----|----|--------|-------------|-------------------------------------|-------|-------|
| DIN ISO 228<br>FEMALE THREAD | Type             | LW | L   | i  | d      | Weight [Kg] | PN [bar]                            | 44HA  | 44aA  |
|                              | MKHP-DN32-G1 1/4 | 32 | 111 | 22 | G1 1/4 | 5,92        | 350                                 | 39919 | 39922 |
|                              | MKHP-DN40-G1 1/2 | 38 | 130 | 24 | G1 1/2 | 8,21        | 350                                 | 36150 | 39923 |
|                              | MKHP-DN50- G2    | 48 | 140 | 26 | G2     | 10,50       | 350                                 | 39920 | 39921 |

| CONNECTION TYPE                   | DIMENSIONS          |    |     |      |           |             | ORDER CODE PER MATERIAL COMBINATION |       |       |
|-----------------------------------|---------------------|----|-----|------|-----------|-------------|-------------------------------------|-------|-------|
| ANSI B1.20.1 NPT<br>FEMALE THREAD | Type                | LW | L   | i    | d         | Weight [Kg] | PN [bar]                            | 44HA  | 44aA  |
|                                   | MKHP-DN32-1 1/4"NPT | 32 | 120 | 22,1 | 1 1/4"NPT | 5,94        | 350                                 | 39930 | 39933 |
|                                   | MKHP-DN40-1 1/2"NPT | 38 | 130 | 22,1 | 1 1/2"NPT | 8,25        | 350                                 | 39931 | 39934 |
|                                   | MKHP-DN50-2"NPT     | 48 | 150 | 30,3 | 2"NPT     | 10,37       | 350                                 | 39932 | 39935 |

| CONNECTION TYPE                       | DIMENSIONS    |    |    |     |      |        | ORDER CODE PER MATERIAL COMBINATION |          |       |       |
|---------------------------------------|---------------|----|----|-----|------|--------|-------------------------------------|----------|-------|-------|
| DIN 2353 / ISO 8434-1<br>LIGHT SERIES | Type          | LW | RA | L   | i    | d      | Weight [Kg]                         | PN [bar] | 44HA  | 44aA  |
|                                       | MKHP-DN32-35L | 32 | 35 | 136 | 10,5 | M 45x2 | 5,82                                | 350      | 39908 | 39910 |
|                                       | MKHP-DN40-42L | 38 | 42 | 147 | 11   | M 52x2 | 8,40                                | 350      | 39909 | 39911 |



| CONNECTION TYPE                       | DIMENSIONS    |    |    |     |    |        |             | ORDER CODE PER MATERIAL COMBINATION |       |       |
|---------------------------------------|---------------|----|----|-----|----|--------|-------------|-------------------------------------|-------|-------|
| DIN 2353 / ISO 8434-1<br>HEAVY SERIES | Type          | LW | RA | L   | i  | d      | Weight [Kg] | PN [bar]                            | 44HA  | 44aA  |
|                                       | MKHP-DN32-38S | 32 | 38 | 148 | 16 | M 52x2 | 6,13        | 350                                 | 39914 | 39915 |
|                                       |               |    |    |     |    |        |             |                                     |       |       |

| CONNECTION TYPE                          | DIMENSIONS          |    |     |    |              |             | ORDER CODE PER MATERIAL COMBINATION |       |       |
|--|---------------------|----|-----|----|--------------|-------------|-------------------------------------|-------|-------|
| SAE J514/ISO/DIS11926-1<br>FEMALE THREAD | Type                | LW | L   | i  | d            | Weight [Kg] | PN [bar]                            | 44HA  | 44aA  |
|  | MKHP-DN32-1 5/8" UN | 30 | 111 | 20 | 1 5/8"-12 UN | 5,72        | 350                                 | 39942 | 39945 |
|  | MKHP-DN40-1 7/8" UN | 38 | 130 | 20 | 1 7/8"-12 UN | 8,17        | 350                                 | 39943 | 39946 |
|  | MKHP-DN50-2 1/2" UN | 45 | 140 | 20 | 2 1/2"-12 UN | 9,47        | 350                                 | 39944 | 39947 |
|  |                     |    |     |    |              |             |                                     |       |       |

Please note the pressure ratings of the tube connections!