

# KUPPEL VALVES REGULATORS

The dome-loaded pressure regulators in the AMT product portfolio are labelled with a “K”.

A regulating unit is required to prevent occasional pressure variations in the medium network from reaching the torches. Combine with AMT Gega flow controllers or AMT Gega fine adjustment valves to achieve ideal torch settings. Many equipment options are available to comply with specific customer requirements.

The advantages of this regulator are in the compact construction. In addition, the unit can be controlled electrically from the console, depending on the selected equipment variant, making the manual adjustment of pressure settings in a danger zone obsolete. A further performance characteristic is the comparably high medium throughput.



K 20



KB 42

## MAIN CHARACTERISTICS

|                        |        |
|------------------------|--------|
| Product                | KB-S   |
| Max. pressure K 20     | 40 bar |
| Max. pressure KB(S) 42 | 50 bar |

| TYPE                          | K 20        | KB(S) 42                    | KB(S) 42                     | KB(S) 42                    |
|-------------------------------|-------------|-----------------------------|------------------------------|-----------------------------|
| <b>CONNECTION</b>             |             |                             |                              |                             |
| Inlet 1                       | G 3/4" M    | M64X 4 F                    | Flange DN50/<br>60.3<br>PN40 | G 1<br>1/4" LH M            |
| Outlet 1                      | G 3/4" M    | M64X 4 F                    | Flange DN50/<br>60.3<br>PN40 | G 1<br>1/4" LH M            |
| <b>REGULATE</b>               |             |                             |                              |                             |
| KB / A                        | electrical  | electrical                  | electrical                   | electrical                  |
| KB / B                        | electrical  | electrical                  | electrical                   | electrical                  |
| KB / C                        | manual      | manual                      | manual                       | manual                      |
| <b>CONTROL</b>                |             |                             |                              |                             |
| KB / A                        | internal    | internal                    | internal                     | internal                    |
| KB / B                        | external    | external                    | external                     | external                    |
| KB / C                        | external    | external                    | external                     | external                    |
| <b>MEDIUM</b>                 | CPM, Oxygen | CPM, Oxygen                 | CPM, Oxygen                  | CPM, Oxygen                 |
| <b>MATERIAL</b>               | Brass       | Brass or<br>stainless steel | Brass or<br>stainless steel  | Brass or<br>stainless steel |
| <b>SEALING KIT (ITEM NO.)</b> | 102686      | 106503                      | 106503                       | 106503                      |