

KLINGER CONTROL VALVE SOLUTIONS:

For control and regulation applications in nearly all industries, KLINGER FLUID CONTROL offers comprehensive valve solutions in this segment. The 3-piece ball valve model KHA with V-Port ball and the piston valve model KVN in regulation version in combination with regulating actuators are available for those kind of applications.

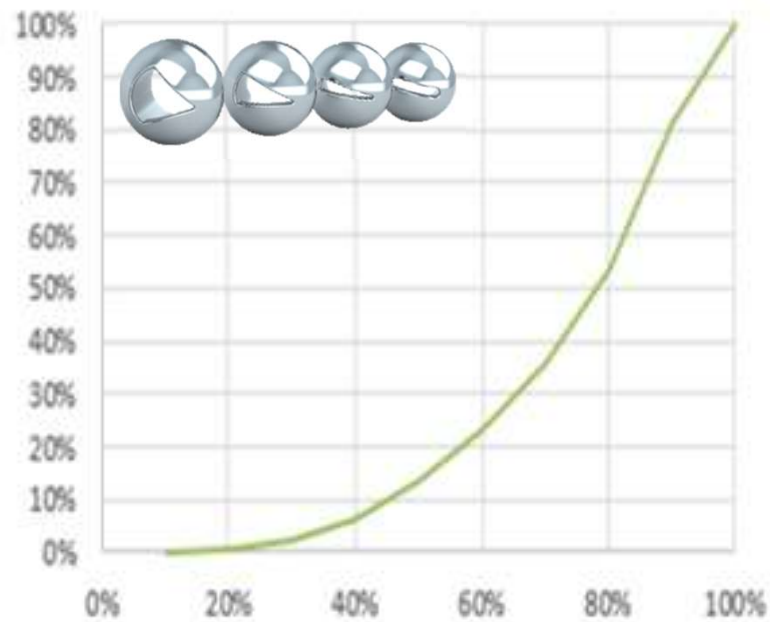
3-piece ball valve model KHA:

- » The KLINGER KHA ball valve will be equipped with V-Port balls with different ball cuttings for different flow outputs.
- » The ball cuttings are available in slotted, 10°, 30° and 60° angles with accordingly different flow control characteristics.
- » Additionally, electric regulation actuators from AUMA or pneumatic actuators from AIR TORQUE with positioner can easily combined with the V-Port version of the KHA.

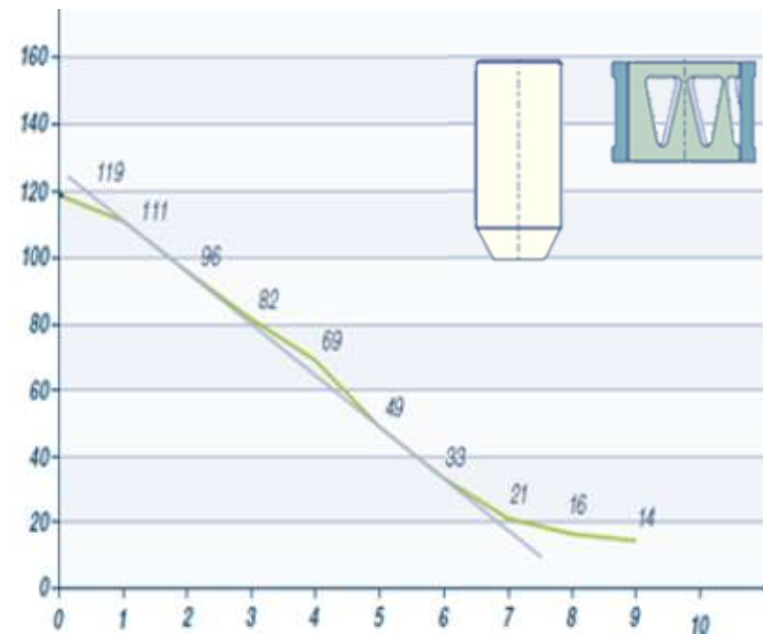
Piston valve model KVN:

- » The KLINGER piston valve model KVN is available in regulation version for smooth and constant opening and closing to avoid pressure or steam hammers. At the same time the KVN in regulation version can also be used for control applications.
- » A modified piston (coned piston) from line size DN15 to DN50 and a special lantern (with triangled cuttings) from DN65 to DN200 will be used for this version.
- » Also electric regulation actuators from AUMA or pneumatic actuators from AIR TORQUE with positioner can easily combined with the regulation version KVN.

Example flow curve of a KHA DN50 with V-Port ball (10°)



Example flow curve of a KVN DN50 with regulating piston



Control solution KHA with V – Port ball and pneumatic or electric actuator



Control solution KVN with regulating piston or lantern and pneumatic or electric actuator

