

KHA - NEW



KLINGER KHA-NEW ball valve - "The next generation"

We proudly introduce the next generation of the KHA 3 piece ball valve!

- » Line sizes DN15 – DN40 from KW 03/2022
- » Line sizes DN50 – DN125 from KW 13/22

Why the next generation?

- » We further improve our position as a premium producer of high-quality valves.
- » The reduction of the total cost of ownership is our focus à cost and quality oriented.

Design overview of the standard version:

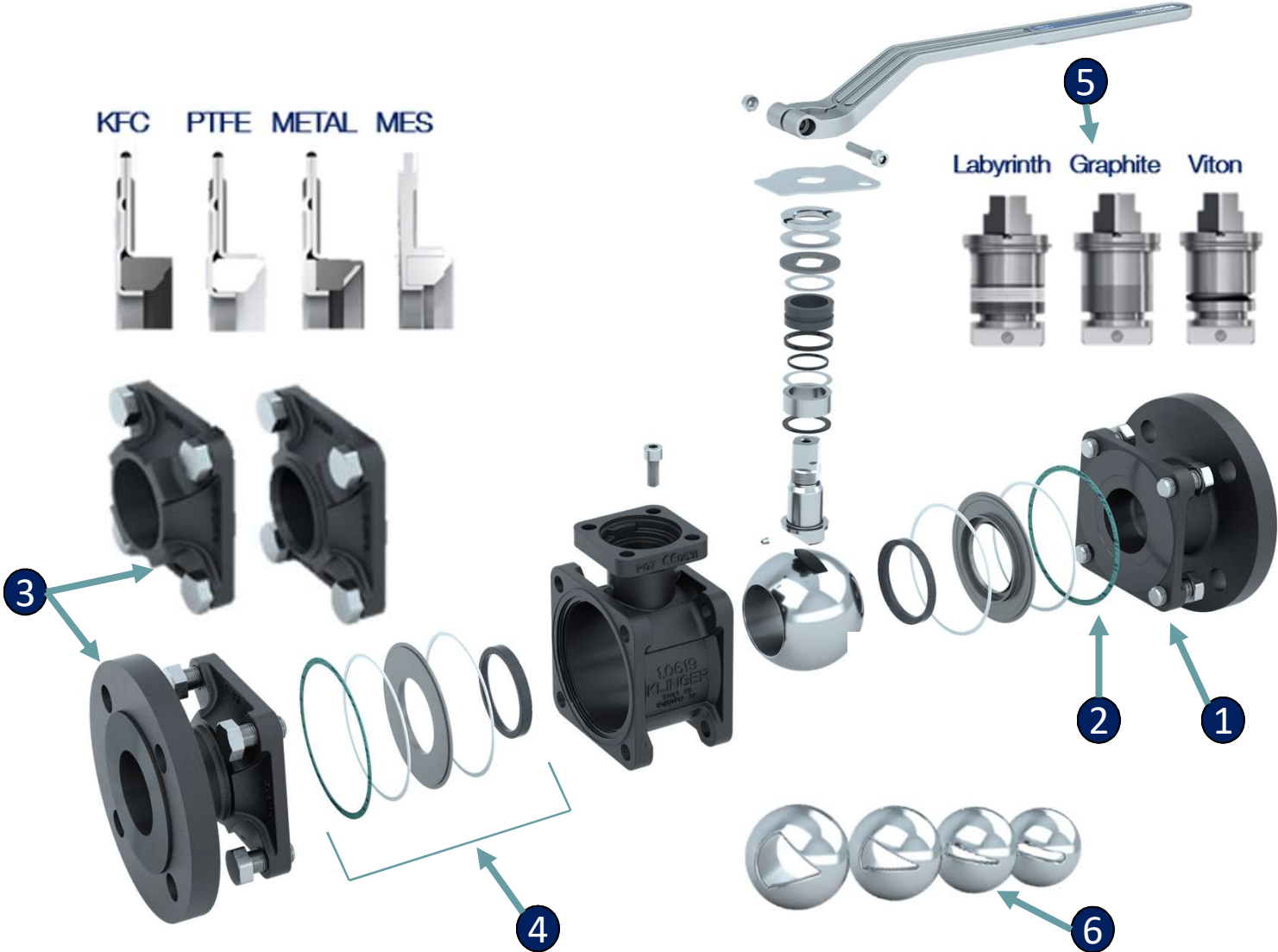
- » Line size range: DN15 – DN125
- » Body materials: carbon steel, stainless steel and duplex
- » Sealing element: pre-stressed sealing element with KFC25 and Graphite at split connection
- » Ball bearing: floating ball, trunnion mounted or double block & bleed
- » Ball version: V-Port balls in 10°,30°,60° and slotted cuttings for control applications; material: acid prove stainless steel
- » Connections: DIN or ANSI Flanges, weld ends , threaded ends BSP or NPT or mixed
- » Pressure classes: PN 16, 25, 40 and 63 or ANSI150 and 300
- » Operation: with hand lever or with installed gear, electric and pneumatic actuator on demand
- » Passage: Full bore
- » Standard Fire-Safe acc. to API607 7th edition and EN10487:2010 and TA-Luft
- » New stuffing box system, combination of graphite and high temperature O-rings

»

» Construction of standard version KHA-NEW:

- » (1) Improved housing screw connection with short screws for higher mech. stability at thermal expansions.
- » (2) Improved sealing on housing pitch with additional KLINGER C4430 gasket à Standard version Fire Safe API607 / EN 10497 and TA-Luft
- » (3) Process connection: flanges, weld ends and threaded ends.
- » (4) Proven and well - Standard one-part sealing element with graphite layer on housing pitch and KFC25 sealing ring. Further established sealing element versions KFC (2-piece), PTFE METAL and METAL SPECIAL.
- » (5) Already known and field proven stuffing boxes Labyrinth, Graphite and Viton.
- » (6) Different V – port balls with different cuttings for control applications.

KHA-NEW



KHA - NEW



Version with flanges:

- » "KHA-FL" and "KHA-FK" becomes "KHA-F"
- » Flanges of the new "KHA-F" are available in the pressure stages PN16, PN25 and PN40 as well ASME 150 and ASME 300
- » The flanged version of the new "KHA-F" will only be available in full bore design
- » Valve length EN558 Gr.1 (EN-flanges) and ASME B16.10 Cl.300 (for ANSI150 and ANSI300)
- » No reduced bore executions available any more
- » Body materials of the new flanged version are available in carbon, stainless steel and duplex
- » Trunnion mounted version
- » Double Block & Bleed version including drain valve

Version with weld ends:

- » "KHA-SL" and "KHA-SK" becomes "KHA-S"
- » The weld end version of the new "KHA-S" will only be available only in full bore design
- » No reduced bore executions available any more
- » KHA-S Version length is acc. EN12982 row 67 (former SK)
- » Body materials of the new weld end version are available in carbon, stainless steel and duplex
- » Trunnion mounted version
- » Double Block & Bleed version including drain valve
- » New "KHA-S" ball valves do not need to be disassembled for installation

Version with threaded ends:

- » "KHA-G" stays "KHA-G"
- » The threaded end version of the new KHA-G will only be available only in full bore design
- » Body materials of the new thread end version are available in carbon, stainless steel and duplex
- » Trunnion mounted version
- » Double Block & Bleed version including drain valve
- » Available in Rp version ISO228-1 and NPT ANSI B1.20.1

KHA - OLD DESIGN	
<p>KHA-FL Flange long</p> 	<p>KHA-FK Flange short</p> 
<p>KHA-SL Weld end long</p> 	<p>KHA-SK Weld end short</p> 
<p>KHA-G Threaded end</p> 	



KHA - NEW DESIGN	
<p>KHA-F Flanged version</p> 	
<p>KHA-S Weld end version</p> 	
<p>KHA-G Threaded version</p> 	

KHA - NEW

KHA-S NEW
with weld ends



KHA-G NEW with
threaded ends



KHA-FL NEW with
flanged ends

