

Flange ball valve with welding ends Steel / Stainless Steel

KH-AS



MHA ZENTGRAF offers flange ball valves including welding ends with pipe Schedule XXS, 160, 80 or special pipe sizes upon request. The flanges are manufactured by **MHA ZENTGRAF** with full material traceability through 3.1. mill certificates.

AVAILABLE SIZES

DN65 - DN125 (2 1/2" to 5")

CONNECTIONS

SchXXS, Sch160, Sch80, others on request

ACCESSORIES ON REQUEST

- Locking devices page 234
- Actuators 228 - 229
- Mounting holes on request
- Position switches on request

MATERIAL CODE DESCRIPTION

Materials	282A	2828	442A	4428
Body	Steel	Steel	Stainless Steel	Stainless Steel
Ball	Steel	Steel	Stainless Steel	Stainless Steel
Stem	Duplex	Duplex	Duplex	Duplex
Ball seats	POM	POM	POM	POM
O-rings	NBR	FPM	NBR	FPM
Tmin / Tmax	-10°C / 100°C	-10°C / 100°C	-10°C / 100°C	-10°C / 100°C

ORDER CODE SchXXS

Type	Pipe size*
KH-AS-DN65-SchXXS	44,96 x 14,02
KH-AS-DN80-SchXXS	58,42 x 15,24
KH-AS-DN100-SchXXS	80,06 x 17,12
KH-AS-DN125-SchXXS	103,20 x 19,05

ORDER CODE Sch160

Type	Pipe size*
KH-AS-DN65-Sch160	53,94 x 9,53
KH-AS-DN80-Sch160	66,64 x 11,13
KH-AS-DN100-Sch160	87,32 x 13,49
KH-AS-DN125-Sch160	109,54 x 15,88

ORDER CODE Sch80

Type	Pipe size*
KH-AS-DN65-Sch80	58,98 x 7,01
KH-AS-DN80-Sch80	73,66 x 7,62
KH-AS-DN100-Sch80	97,18 x 8,56
KH-AS-DN125-Sch80	122,24 x 9,53

*inner diameter x wall thickness (mm)

BYPASS OPTION



When larger ball valves have to be activated at full differential pressure, a smaller ball valve can be used before activation in order to equalize the pressure.

We combine the bypass within the flange valve body to provide less leakage points compared to a piped solution.

- Both main and bypass valve can be offered with locking device or any other accessory like limit switches or actuators.
- Bypass is a standard manifold mounting PKH valve which can be easily maintained or replaced
- Bypass manifold mounting valve provides bubble tight shut off.