

# TYPICAL TENDER

## HERA-BD

Soft-seated bi-directional knife gate valve

### Short text:

<b>DN 50</b>	<b>to DN 250</b>	<b>PN 10</b>
<b>DN 300</b>	<b>to DN 400</b>	<b>PN 6</b>
<b>DN 450</b>		<b>PN 5</b>
<b>DN 500</b>	<b>to DN 600</b>	<b>PN 4</b>
<b>DN 700</b>	<b>to DN 1200</b>	<b>PN 2</b>

Soft-seated knife gate valve with flange seals integrated in the body. Suitable for installation between flanges and as a dead-end valve. Single-piece body up to DN 500; two-piece body from DN 600. Bi-directional seal. Face-to-face length to DIN EN 558-1 Series 20 up to DN 500; from DN 600 in acc. with works standard. U-shaped rod seal and transverse seal replaceable without having to remove the valve from the piping. Body components made of EN-GJL-250, blade made of 1.4571 / AISI 316Ti up to DN 400 as standard, non-rising stem made of 1.4016 / AISI 430, with handwheel, A2 connection elements, sealing elements made of PTFE or elastomer. Corrosion protection by epoxy coating, RAL 5015 blue, 200 µm.

**Make:** : **KSB HERA-BD knife gate valve**

### Long text:

<b>DN 50</b>	<b>to DN 250</b>	<b>PN 10</b>
<b>DN 300</b>	<b>to DN 400</b>	<b>PN 6</b>
<b>DN 450</b>		<b>PN 5</b>
<b>DN 500</b>	<b>to DN 600</b>	<b>PN 4</b>
<b>DN 700</b>	<b>to DN 1200</b>	<b>PN 2</b>

Soft-seated knife gate valve with flange seals integrated in the body. Suitable for installation between flanges and as a dead-end valve at full operating pressure without counterflange. Single-piece body up to DN 500; two-piece body from DN 600. Bi-directional seal. Leakage rate A up to DN 600; leakage rate B from DN 700. With handwheel. Face-to-face length to DIN EN 558-1 Series 20 (previously DIN 3202 K1) up to DN 500; from DN 600 in acc. with works standard. Flanged ends to DIN EN 1092-2 PN 10, full flange. Blade guided in confined U-shaped rod seal with steel core. Transverse seal made of PTFE-impregnated fibres, re-adjustable during operation. U-shaped rod seal and transverse seal replaceable without having to remove the valve from the piping. Robust and compact mounting yoke for straightforward mounting of actuators and limit switches.

Body components made of grey cast iron : EN-GJL-250 (GG-25)  
Handwheel: : steel up to DN 300, EN-GJL-250 (GG-25) from DN 350  
Blade made of stainless steel : 1.4571 / AISI 316Ti up to DN 400, from DN 500 on request  
Stem made of stainless steel : 1.4016 / AISI 430, non-rising  
Mounting yoke : steel  
U-shaped rod seal : EPDM with steel core  
Transverse seal : PTFE-impregnated synthetic fibres  
Stem nut : brass  
Nuts and bolts : A2  
Corrosion protection of steel and grey cast iron components : epoxy-coated, colour RAL 5015 blue, 200 µm

Designed, manufactured, tested and marked in acc. with the European Pressure Equipment Directive. For use in accordance with ATEX in potentially explosive atmospheres of group II, category 2, zones 1 and 21.

Variants: pneumatic actuator, electric actuator, chain wheel, quick-action lever, gearbox

**Make:** : **KSB HERA-BD knife gate valve**

**Typical tender for HERA-BD**

**7328.521/01-EN**

**Subject to technical modification without prior notice**

**23 April 2018**