Flange design

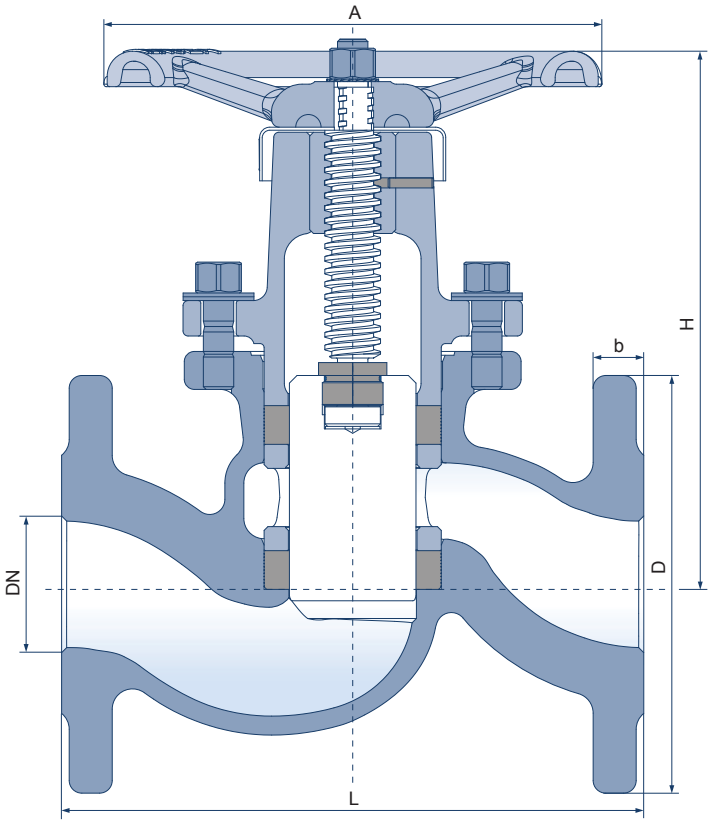
GENERAL FEATURES
» Straight-through piston valve
» Sealing via two elastic KX-GT valve rings
» Excellent control characteristics
» Fire Safe
» Special regulating design available (KVRKN)

CONNECTIONS
Flange in accordance with EN 1092-2 (Mat. code III, VI)
Flange in accordance with EN 1092-1 (Mat. code VIII, Xc)

DIMENSIONS
EN 558-1, GR. 1

ACCEPTANCE TESTING
» Seat leak tightness: EN 12266-1 P12, leakage rate A
» Tightness to atmosphere: EN 12266-1 P11
» Strength: EN 12266-1 P10

TEMPERATURE
-10 °C to +400 °C (see P-T diagram)



KVN FLANGE DESIGN DN 15-50

	Dimensions							PN			
DN	L	H	A	D	b PN 16	b PN 40	Hub	III	VI	VIII	Xc
15	130	105	100	95	14	16	23	16	40	40	40
20	150	122	120	105	16	18	28	16	40	40	40
25	160	140	140	115	16	18	34	16	40	40	40
32	180	157	160	140	18	18	38	16	40	40	40
40	200	184	180	150	18	18	45	16	40	40	40
50	230	211	200	165	20	20	51	16	40	40	40

MATERIAL
» Grey cast iron EN-GJL-250 / 5.1301
(Material code III)
» Nodular cast iron JS 1049 / 5.3103
(Material code VI)*
» Cast steel 1.0619
(Material code VIII)
» Stainless steel 1.4581

* refers to body, upper parts consist of VIII

	Weight in kg	
DN	PN 16	PN 40
15	2.8	2.7
20	4.1	4.4
25	5.8	6
32	8.5	9
40	11.2	11.4
50	15.8	16.6

*last updated 08/23