GE3KT

3-WAY HIGH PRESSURE BALL VALVES

Edition. 21.0

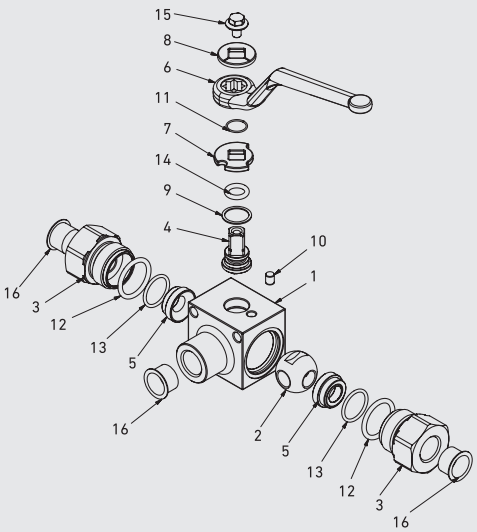
CS Carbon Steel

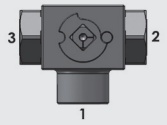
- Type: ball valve 3 way special seats, zero leakage
- Sizes: from DN6 up to DN25
- Ends: BSP-NPT-SAE
- Pressure: up to PN500
- Temp range: from -20°C to +100°C
- Treatment: Galvanized

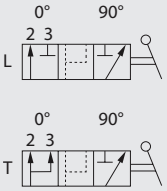
SS Stainless Steel

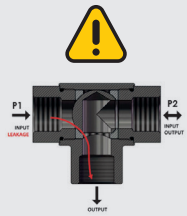
- Type: ball valve 3 way special seats, zero leakage
- Sizes: from DN6 up to DN25
- Ends: BSP-NPT-SAE
- Pressure: up to PN500
- Temp range: from -30°C to +100°C

STANDARD COMPOSITION OF VALVE

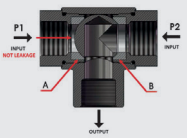








GE3K L / T ball valve the seal on the left (a) is pushed towards the ball by the pressure (p1) the floating ball is pushed against the seal on the right (b) creating a watertight seal without any leakages.



POS	DESCRIPTION	Q.TY	CS Carbon Steel	SS Stainless Steel
			MATERIAL	
1	Body	1	1,0737	1,4404
2	Ball	2	1,0737	1,4404
3	Adapter	1	1,0737	1,4404
4	Stem	1	1,0737	1,4404
5	Ball seat	2	POM	POM
6	Handle	1	ZINC	ZINC
7	Washer	1	1,0116	1,0116
8	Washer	1	1,0116	1,4301
9	Stem ring	1	POM	POM
10	Pin	1	1,0737	1,4301
11	Seeger	1	1,4301	1,4301
12	Adapter o-ring	2	NBR	NBR
13	Seal o-ring	2	NBR	NBR
14	Stem o-ring	1	NBR	NBR
15	Screw	1	Din 6921 8.8	Din 6921 A2
16	Caps	3	PVC	PVC

GE3KT

CODE DESCRIPTION STRUCTURE

GE3KT	G1/2	DN13	1	1	1	1	A	B

Type and way of valve

GE3KT 3-way

Ends

GAS DIN/ ISO 228 BSP	NPT ANSI /ASME B1.20.1	SAE J1926-1
G 1/4	N 1/4	SAE4
G 3/8	N 3/8	SAE6
G 1/2	N 1/2	SAE8
G 3/4	N 3/4	SAE12
G 1	N 1	SAE16
G 1 1/4 R	N 1 1/4 R	SAE20R
G 1 1/2 R	N 1 1/2 R	SAE24R

Size

from DN6 to DN25

Body Material

- **1** = 1,0737
- **4** = 1,4404

Adapter material

- **1** = 1,0737
- **4** = 1,4404

Stem material

- **1** = 1,0737 **4** = 1,4404*
- **4** = 1,4404

Ball Material

- **1** = 1,0737 **4** = 1,4404*
- **4** = 1,4404

Seat material

A = POM **D** = PEEK* **G** = PA612* **K** = GEMPTFE* **C** = PTFE*

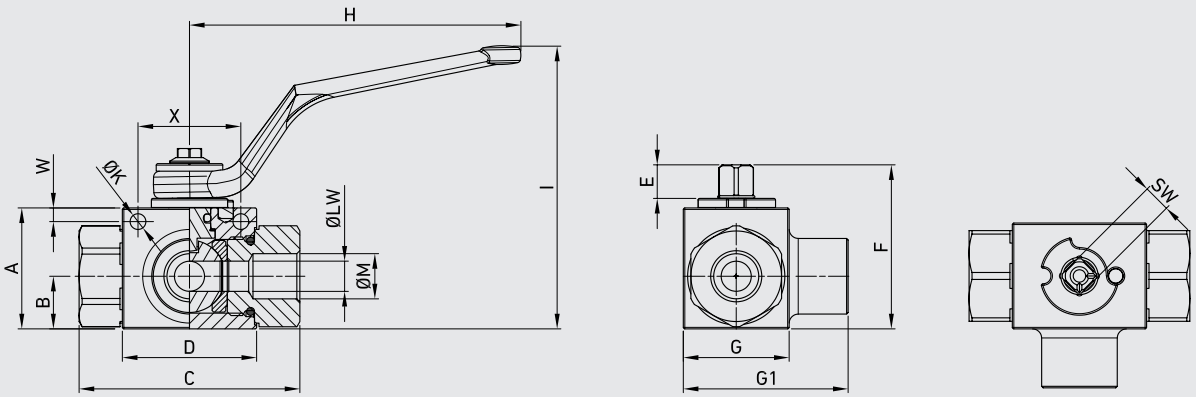
Seal material

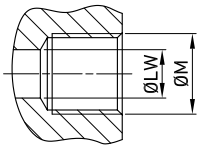
B = NBR **E** = FKM* **F** = EPDM* **L** = MVQ*

***On request**

- Reduced bore
- Special threads
- Pressure class up to PN40 Mpa
- Pneumatic and electrical actuator
- Security block
- Locking device

For further special requests please consult our technical/commercial service.



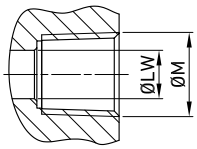


GE3KT DIN/ISO 228 BSP

TYPE	DN	PN			A	B	C	D	E	F	G	G1	H	I	ØM	ØK*	W*	X*	SW	ØLW	WEIGHT	ITEM CODE (CS Carbon Steel)	ITEM CODE (SS Stainless Steel)
GE3KT G 1/4	6	MPa	50	mm	35	14,5	71	42,4	11	49	30	48,5	110	87	G 1/4	5,25	4,5	34	9	6	kg 0,536	GKAGGT14011A000	GKAGGT14044A000
		Psi	7250	inch	1,38	0,57	2,80	1,67	0,43	1,93	1,18	1,91	4,33	3,43		0,21	0,18	1,34	0,35	0,24	lb 1,18		
GE3KT G 3/8	10	MPa	50	mm	40	17,4	73	44,4	11	54,25	35	54,5	110	93	G 3/8	5,25	4,5	34	9	10	kg 0,695	GKAGGT24011A000	GKAGGT24044A000
		Psi	7250	inch	1,57	0,69	2,87	1,75	0,43	2,14	1,38	2,15	4,33	3,66		0,21	0,18	1,34	0,35	0,39	lb 1,53		
GE3KT G 1/2	13	MPa	50	mm	43	19,7	83	48,4	11	57	37	58,5	110	97	G 1/2	5,25	5	36	9	13	kg 0,825	GKAGGT33011A000	GKAGGT33044A000
		Psi	7250	inch	1,69	0,78	3,27	1,91	0,43	2,24	1,46	2,30	4,33	3,82		0,21	0,20	1,42	0,35	0,51	lb 1,82		
GE3KT G 3/4	20	MPa	40	35	mm	57	25,4	95	62,5	14	75,5	49	75	180	105	G 3/4	6,25	6	50	14	20	kg 1,583	GKAGGT44011A000	GKAGGT43044A000
		Psi	5800	5075	inch	2,24	1,00	3,74	2,46	0,55	2,97	1,93	2,95	7,09	4,13		0,25	0,24	1,97	0,55	0,79	lb 3,49		
GE3KT G 1	25	MPa	35		mm	65	29,5	105	66,5	14	83,5	55	89	180	113	G 1	6,25	6	50	14	25	kg 2,421	GKAGGT53011A000	GKAGGT53044A000
		Psi	5075		inch	2,56	1,16	4,13	2,62	0,55	3,29	2,17	3,50	7,09	4,45		0,25	0,24	1,97	0,55	0,98	lb 5,34		
GE3KT G 1 1/4 R	25	MPa	35		mm	65	29,5	120	66,5	14	83,5	55	89	180	113	G 1 1/4	6,25	6	50	14	25	kg 2,601	GKAGGR63011A000	GKAGGR63044A000
		Psi	5075		inch	2,56	1,16	4,72	2,62	0,55	3,29	2,17	3,50	7,09	4,45		0,25	0,24	1,97	0,55	0,98	lb 5,73		
GE3KT G 1 1/2 R	25	MPa	35		mm	65	29,5	124	66,5	14	83,5	55	89	180	113	G 1 1/2	6,25	6	50	14	25	kg 2,756	GKAGGR73011A000	GKAGGR73044A000
		Psi	5075		inch	2,56	1,16	4,88	2,62	0,55	3,29	2,17	3,50	7,09	4,45		0,25	0,24	1,97	0,55	0,98	lb 6,08		

Size only for carbon steel valves with fixing holes included.

FIXING HOLES INCLUDED

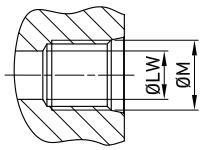


GE3KT ANSI/ASME B1.20.1 NPT

TYPE	DN	PN			A	B	C	D	E	F	G	G1	H	I	ØM	ØK*	W*	X*	SW	ØLW	WEIGHT	Carbon Steel ITEM CODE	Stainless Steel ITEM CODE
GE3KT N 1/4	6	MPa	50	mm	35	14,5	71	42,4	11	49	30	48,5	110	87	N 1/4	5,25	4,5	34	9	6	kg 0,536	GKANNT14011A000	GKANNT14044A000
		Psi	7250	inch	1,38	0,57	2,80	1,67	0,43	1,93	1,18	1,91	4,33	3,43		0,21	0,18	1,34	0,35	0,24	lb 1,18		
GE3KT N 3/8	10	MPa	50	mm	40	17,4	73	44,4	11	54,25	35	54,5	110	93	N 3/8	5,25	4,5	34	9	10	kg 0,695	GKANNT24011A000	GKANNT24044A000
		Psi	7250	inch	1,57	0,69	2,87	1,75	0,43	2,14	1,38	2,15	4,33	3,66		0,21	0,18	1,34	0,35	0,39	lb 1,53		
GE3KT N 1/2	13	MPa	50	mm	43	19,7	83	48,4	11	57	37	58,5	110	97	N 1/2	5,25	5	36	9	13	kg 0,825	GKANNT33011A000	GKANNT33044A000
		Psi	7250	inch	1,69	0,78	3,27	1,91	0,43	2,24	1,46	2,30	4,33	3,82		0,21	0,20	1,42	0,35	0,51	lb 1,82		
GE3KT N 3/4	20	MPa	40	35	mm	57	25,4	95	62,5	14	75,5	49	75	180	105	N 3/4	6,25	6	50	14	20	kg 1,583	GKANNT44011A000	GKANNT43044A000
		Psi	5800	5075	inch	2,24	1,00	3,74	2,46	0,55	2,97	1,93	2,95	7,09	4,13		0,25	0,24	1,97	0,55	0,79	lb 3,49		
GE3KT N 1	25	MPa	35	mm	65	29,5	105	66,5	14	83,5	55	89	180	113	N 1	6,25	6	50	14	25	kg 2,421	GKANNT53011A000	GKANNT53044A000
		Psi	5075	inch	2,56	1,16	4,13	2,62	0,55	3,29	2,17	3,50	7,09	4,45		0,25	0,24	1,97	0,55	0,98	lb 5,34		
GE3KT N 1 1/4 R	25	MPa	35	mm	65	29,5	120	66,5	14	83,5	55	89	180	113	N 1 1/4	6,25	6	50	14	25	kg 2,601	GKANNR63011A000	GKANNR63044A000
		Psi	5075	inch	2,56	1,16	4,72	2,62	0,55	3,29	2,17	3,50	7,09	4,45		0,25	0,24	1,97	0,55	0,98	lb 5,73		
GE3KT N 1 1/2 R	25	MPa	35	mm	65	29,5	124	66,5	14	83,5	55	89	180	113	N 1 1/2	6,25	6	50	14	25	kg 2,756	GKANNR73011A000	GKANNR73044A000
		Psi	5075	inch	2,56	1,16	4,88	2,62	0,55	3,29	2,17	3,50	7,09	4,45		0,25	0,24	1,97	0,55	0,98	lb 6,08		

Size only for carbon steel valves with fixing holes included.

FIXING HOLES INCLUDED



GE3KT SAE J1926-1

TYPE	DN	PN			A	B	C	D	E	F	G	G1	H	I	ØM	ØK*	W*	X*	SW	ØLW	WEIGHT	Carbon Steel ITEM CODE	Stainless Steel ITEM CODE
GE3KT SAE4	6	MPa	50	mm	35	14,5	71	42,4	11	49	30	48,5	110	87	7/16	5,25	4,5	34	9	6	kg 0,536	GKAEEE04011A000	GKAEEE04044A000
		Psi	7250	inch	1,38	0,57	2,80	1,67	0,43	1,93	1,18	1,91	4,33	3,43	UNF	0,21	0,18	1,34	0,35	0,24	lb 1,18		
GE3KT SAE6	10	MPa	50	mm	40	17,4	73	44,4	11	54,25	35	54,5	110	93	9/16	5,25	4,5	34	9	10	kg 0,695	GKAEEE14011A000	GKAEEE14044A000
		Psi	7250	inch	1,57	0,69	2,87	1,75	0,43	2,14	1,38	2,15	4,33	3,66	UNF	0,21	0,18	1,34	0,35	0,39	lb 1,53		
GE3KT SAE8	13	MPa	50	mm	43	19,7	83	48,4	11	57	37	58,5	110	97	3/4	5,25	5	36	9	13	kg 0,825	GKAEEE23011A000	GKAEEE23044A000
		Psi	7250	inch	1,69	0,78	3,27	1,91	0,43	2,24	1,46	2,30	4,33	3,82	UNF	0,21	0,20	1,42	0,35	0,51	lb 1,82		
GE3KT SAE12	20	MPa	40	35	mm	57	25,4	95	62,5	14	75,5	49	75	180	105	1 1/16	6,25	6	50	14	20	kg 1,583	GKAEEE34011A000	GKAEEE34044A000
		Psi	5800	5075	inch	2,24	1,00	3,74	2,46	0,55	2,97	1,93	2,95	7,09	4,13	UNF	0,25	0,24	1,97	0,55	0,79	lb 3,49		
GE3KT SAE16	25	MPa	35	mm	65	29,5	105	66,5	14	83,5	55	89	180	113	1 5/16	6,25	6	50	14	25	kg 2,421	GKAEEE43011A000	GKAEEE43044A000
		Psi	5075	inch	2,56	1,16	4,13	2,62	0,55	3,29	2,17	3,50	7,09	4,45	UNF	0,25	0,24	1,97	0,55	0,98	lb 5,34		
GE3KT SAE20R	25	MPa	35	mm	65	29,5	120	66,5	14	83,5	55	89	180	113	1 5/8	6,25	6	50	14	25	kg 2,601	GKAEEE53011A000	GKAEEE53044A000
		Psi	5075	inch	2,56	1,16	4,72	2,62	0,55	3,29	2,17	3,50	7,09	4,45	UNF	0,25	0,24	1,97	0,55	0,98	lb 5,73		
GE3KT SAE24R	25	MPa	35	mm	65	29,5	124	66,5	14	83,5	55	89	180	113	1 7/8	6,25	6	50	14	25	kg 2,756	GKAEEE63011A000	GKAEEE63044A000
		Psi	5075	inch	2,56	1,16	4,88	2,62	0,55	3,29	2,17	3,50	7,09	4,45	UNF	0,25	0,24	1,97	0,55	0,98	lb 6,08		

Size only for carbon steel valves with fixing holes included.

FIXING HOLES INCLUDED