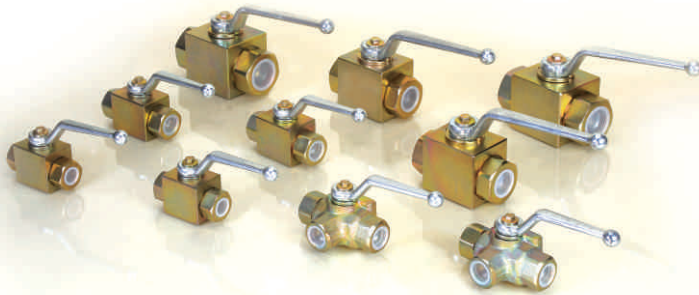


HIGH PRESSURE BALL VALVES

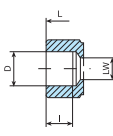
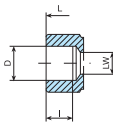
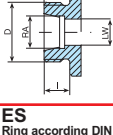
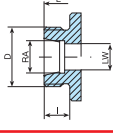


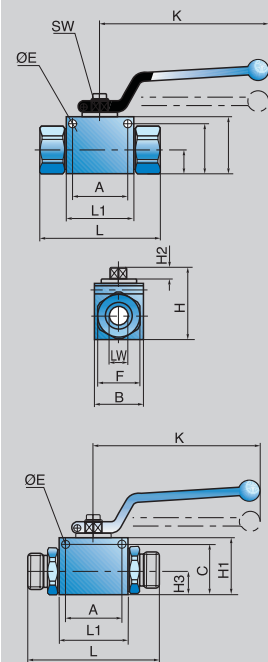
The design and manufacture of "CRH" high pressure ball valves is carried out considering extreme operating requirements.

The ball seats between two pre-compressed gaskets with floating system, ensuring a perfect tight both at low pressure and under vacuum. With the increase of internal pressure, a greater contact is obtained between ball and gaskets, permitting a perfect tight even at the highest pressure.

K

TWO WAY BALL VALVES MADE OF STEEL

ATTACCO CONNECTION	DN mm	LW mm	PN bar	D mm	RA mm	L mm	L1 mm	B mm	H mm	H1 mm	H2 mm	H3 mm	I mm	K mm	SW mm	A mm	C mm	E mm
R 	4	5	500	1/8"	-	71	37	27	44,5	34	8	13	14	115	9	29	29	4,5
	6	6	500	1/4"	-	71	37	27	44,5	34	8	13	14	115	9	29	29	4,5
	10	10	500	3/8"	-	72	43	34	50	40	8	16,5	14	115	9	35	35	5,5
	13	13	500	1/2"	-	85	48	36	51	41	8	17	16	115	9	39	35,5	6,5
	20	20	320	3/4"	-	97	63	50	71,5	57	11	24	18	160	14	50	49,5	6,5
	25	24	320	1"	-	113	67	60	76	60	11	26,5	20	160	14	54	54	6,5
	32	24	320	1 1/4"	-	121	67	60	76	60	11	26,5	22	160	14	54	54	6,5
NPTF 	40	24	320	1 1/2"	-	124	67	60	76	60	11	26,5	24	160	14	54	54	6,5
	6	7	500	1/4"-18NPT	-	71	37	27	44,5	34	8	13	17	115	9	29	29	4,5
	10	10	500	3/8"-18NPT	-	80	43	34	50	40	8	16,5	18	115	9	35	35	5,5
	13	13	500	1/2"-14NPT	-	101	48	36	51	41	8	17	23	115	9	39	35,5	6,5
	20	20	320	3/4"-14NPT	-	111	63	50	71,5	57	11	24	24	160	14	50	49,5	6,5
	25	24	320	1"-11,5NPT	-	119	67	60	76	60	11	26,5	28,5	160	14	54	54	6,5
	32	24	320	1 1/4"-11,5NPT	-	122	67	60	76	60	11	26,5	29	160	14	54	54	6,5
EL Ring according DIN 2353 Light duty 	40	24	320	1 1/2"-1,5NPT	8	122	67	60	76	60	11	26,5	29	160	14	54	54	6,5
	6	6	250	M 14x1,5	8	70	37	27	44,5	34	8	13	10	115	9	29	29	4,5
	10	10	250	M 18x1,5	12	80	43	34	50	40	8	16,5	11	115	9	35	35	5,5
	13	13	250	M 22x1,5	15	88	48	36	51	41	8	17	12	115	9	39	35,5	6,5
	20	20	160	M 30x2	22	107	63	50	71,5	57	11	24	14	160	14	50	49,5	6,5
	25	24	160	M 36x2	28	111	67	60	76	60	11	26,5	14	160	14	54	54	6,5
	32	24	160	M 45x2	35	127	67	60	76	60	11	26,5	16	160	14	54	54	6,5
ES Ring according DIN 2353 Heavy duty 	40	24	160	M 52x2	42	127	67	60	76	60	11	26,5	16	160	14	54	54	6,5
	6	6	400	M 16x1,5	8	77	37	27	44,5	34	8	13	12	115	9	29	29	4,5
	10	10	400	M 20x1,5	12	81	43	34	50	40	8	16,5	14	115	9	35	35	5,5
	13	13	400	M 24x1,5	16	92	48	36	51	41	8	17	14	115	9	39	35,5	6,5
	20	20	320	M 30x2	20	111	63	50	71,5	57	11	24	18	160	14	50	49,5	6,5
	25	24	320	M 36x2	25	119	67	60	76	60	11	26,5	20	160	14	54	54	6,5
	32	24	320	M 42x2	30	123	67	60	76	60	11	26,5	22	160	14	54	54	6,5
	40	24	320	M 52x2	38	134	67	60	76	60	11	26,5	22	160	14	54	54	6,5



The firm reserve the right to apply technical and dimensional changes without notice.

Ordering Code

CRH	R	2	10	1	1	1	1
	Connection Type		Nominal Diameter (valve body)	Body material	Ball material	ball seals material and smoothing lining material	Pivot and connections seals
CRH= High Pressure Ball Valve	R= gas / BSP	2= 2 vie/ways	4 = 1/8"	1= Steel	1= Steel	1= DERLIN (pom)	1= NBR
	N= NPT	3= 3 vie/ways	6 = 1/4"	2= Stainless steel	2= Stainless steel	2= PTFE (Teflon)	3= VITON
	EL= DIN 2353 Light duty		10 = 3/8"	* Reduced flow (ø 24 mm) In case of order for 3 way ball valve, please specify if Lor T flow Standard colour: black fosphated. To order a yellow zinc plated valve, please insert "ZG" at end of the item code.			
	ES= DIN 2353 Heavy duty		13 = 1/2"				

Technical features

- Full-way valve
- Floating ball-gas tight on pre-compressed seats
- Operating pressure from 320 to 500 bar (according to Ø)
- Operating temperature from -20°C to 100° C
- Open at 1/4 turn

Standard execution

- Body and connection: black phosphating steel (38SMnPb10)
- Ball: Thick-chromed steel
- Ball seals: polyacetalic resin (DELIRIN)
- Pin seals: NBR
- Throttle lever: printed and zinc-plated forged

On request

- Body and connection: yellow zinc-plated steel