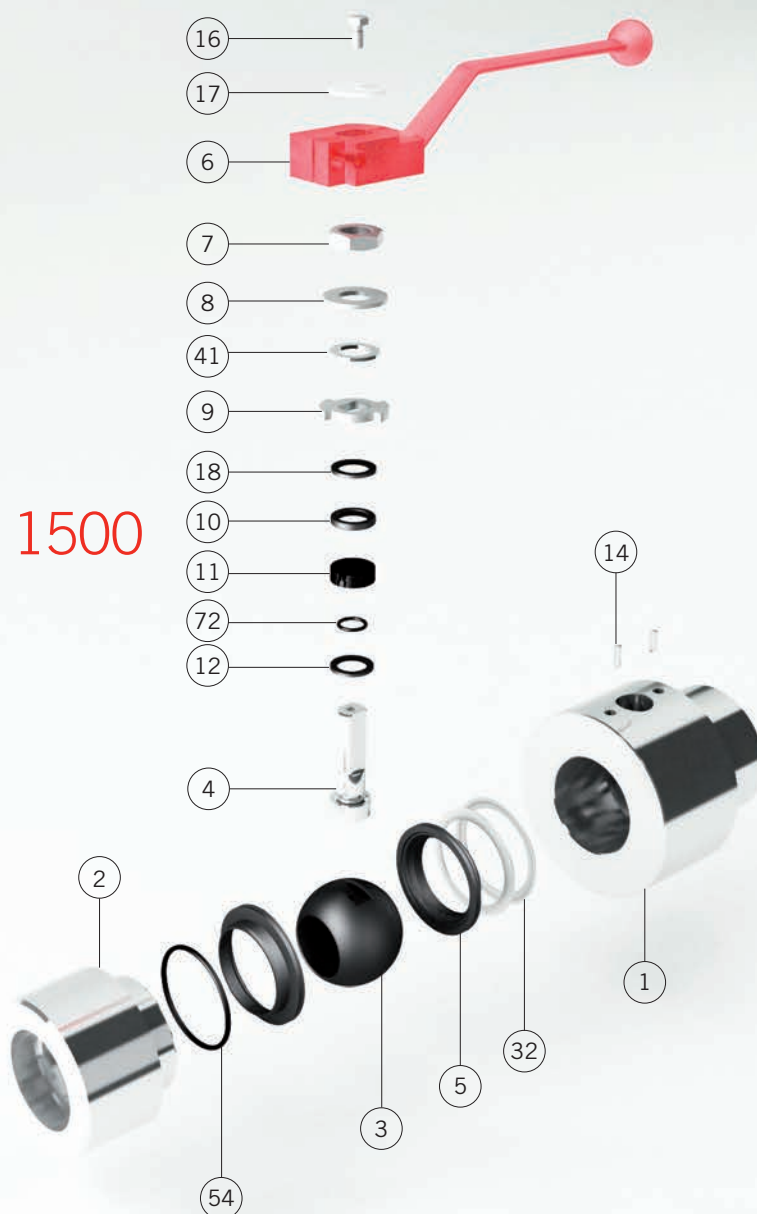


| BALL VALVES |

METAL SEATED UDV

1/2" - 2" | Class 800 - Class 1500

The Ultimate Drain Valve (UDV) it is a high temperature special design. The valve has got a monobloc welded body and it is reduced bore. This valve is designed to support high temperatures at high pressures.



Materials

METAL SEATED UDV

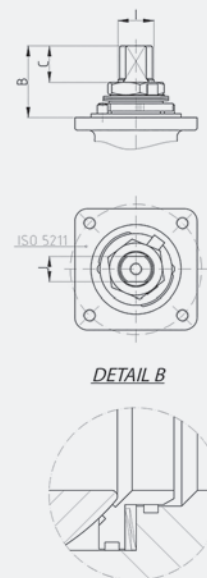
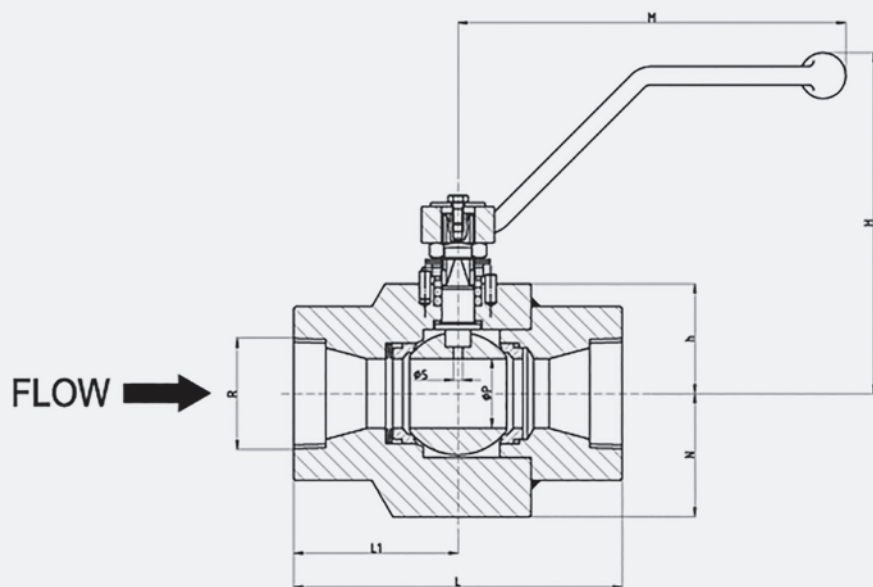
Item	Description	C.S. BODY	S.S. BODY
1	Body	A 105	A 479 Type 316
2	Body connector	A 105	A 479 Type 316
3	Ball	AISI 316 + HT-65 (*)	
4	Stem	17-4 PH + HT-65 (*)	
5	Metallic seat	AISI 316 + HT-65	
6	Wrench	GGG-40	
7	Gland nut	Zinc plated carbon st.	AISI 303
8	Disk spring	Carbon St.	E.N.P. Carbon St.
9	Stop plate	Carbon St.	AISI 304
10	Gland	AISI 316 + HT-65	
11	Gland packing	Graphite	
12	Stem thrust seal	AISI 316 + HT-65	
14	Stop pin	Carbon St.	Stainless St.
16	Bolt	DIN 933 5.6 Zinc plated	DIN 933 A2
17	Washer	Carbon St.	Stainless St.
18	Thrust washer	AISI 316 + HT-65	
32	Disk spring	Inconel 718	
41	Spacer	Carbon St.	Stainless St.
54	Seat gasket	Graphite	
72	O'ring	AFlas	

(*) Other materials under request.

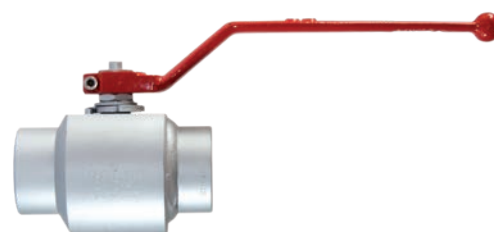
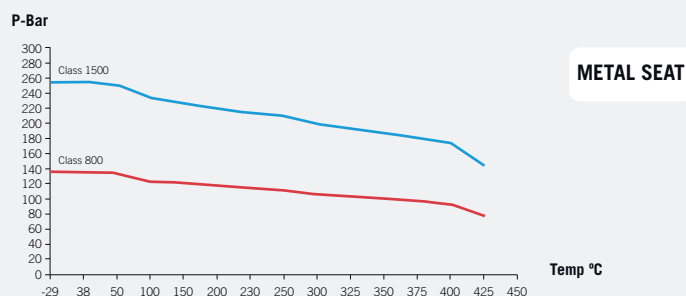
UDV CLASS 800 & 1500 AIM & IIM TYPE
Class 800 / 1500
Reduced Bore

Class 800. From ½" to 2"

Class 1500. From ½" to 2"



(*) Diameter of drills ISO 5211 = n x F.

Pressure - Temperature

Fig. UDV (Class 800)

DN	ØP	L	L1	R	N	h	H	M	ISO 5211	B	C	I	J	WEIGHT	TORQUE	Kv
½"	15	90	45	NPT	37,5	32	103	164	F04	18,7	6,5	M12x1,5	9	3,5	30	11
¾"	15	110	55	NPT	37,5	32	103	164	F04	18,7	6,5	M12x1,5	9	4,5	30	11
1"	20	120	60	NPT	42,5	35,5	106	164	F05	20	8	M12x1,5	9	5	37	14
1½"	28	150	75	NPT	60	50	112	210	F05	31,5	14,8	M16x1,5	12	6	102	30
2"	36	180	90	NPT	67,5	60	129	213	F07	38,5	18,3	M18x1,5	13	10	173	72

Fig. UDV (Class 1500)

DN	ØP	L	L1	R	N	h	H	M	ISO 5211	B	C	I	J	WEIGHT	TORQUE	Kv
½"	15	90	45	NPT	37,5	32	103	164	F04	18,7	6,5	M12x1,5	9	3,5	39	11
¾"	15	110	55	NPT	37,5	32	103	164	F04	18,7	6,5	M12x1,5	9	4,5	39	11
1"	20	120	60	NPT	42,5	35,5	106	164	F05	20	8	M12x1,5	9	5	54	14
1½"	28	150	75	NPT	60	50	112	210	F05	31,5	14,8	M16x1,5	12	6	161	30
2"	36	180	90	NPT	67,5	60	129	213	F07	38,5	18,3	M18x1,5	13	10	287	72

 Dimensions in mm, weight in kg and Torque in Nm.
 Weights and dimensions can be changed without notice.