TRUE UNION BALL VALVE “724”



TECHNICAL FEATURES

- True union ball valve for industrial and water treatment applications.
- Fixed ball support and radial disassembly for simple, safe installation and reliable service over time.
- Versions: ISO metric (1V724) and BS standard (3V724) plain solvent weld socket; BSP female threaded socket (1V725).
- Other international standards (ASTM, JIS, NPT) available on request.



DN 10 ÷ 50

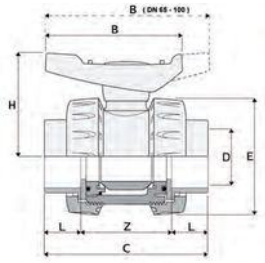
Shown on the title band: DN 65 ÷ 100.

TECHNICAL SPECIFICATIONS

Construction	True union grey PVC spheric ball valve, with fixed ball support and radial disassembly
Size range	DN 10 ÷ 100
Nominal pressure	DN 10 ÷ 50: PN16 with water at 20 °C DN 65 ÷ 100: PN10 with water at 20 °C
Temperature range	0 °C ÷ 60 °C
Coupling standards	Solvent welding: ISO 727, EN ISO 1452-4 (model 1V724); BS 4346-1 (model 3V724) Thread: UNI ISO 228-1, ISO 7-1, UNI EN ISO 1452-4 (model 1V725)
Valve material	PVC-U
Seal material	EPDM, FKM (O-ring); PTFE (ball seats)
Control options	Manual control

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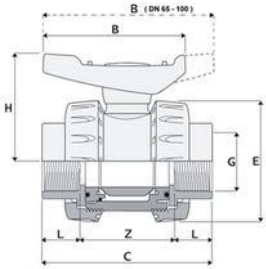
OVERALL DIMENSION



1V724

True union grey PVC spheric ball valve, ISO metric plain solvent weld socket, with fixed ball support and radial disassembly. EPDM or FKM seals. PTFE ball seats.

D	PN	DN	L	Z	C	E	H	B	g	EPDM CODE	FKM CODE
16	16	10	14	54	82	53	51	66	150	1V72401600	1V72401610
20	16	15	16	50	82	53	51	66	145	1V72402000	1V72402010
25	16	20	19	53	91	62	59	77	220	1V72402500	1V72402510
32	16	25	22	59	103	71	66	88	315	1V72403200	1V72403210
40	16	32	26	68	120	84	77	102	505	1V72404000	1V72404010
50	16	40	31	77	139	98	87	117	725	1V72405000	1V72405010
63	16	50	38	98	174	117	105	140	1245	1V72406300	1V72406310
75	10	65	44	142	230	168	138	225	3400	1V72407500	1V72407510
90	10	80	51	142	244	168	138	225	3500	1V72409000	1V72409010
110	10	100	61	162	284	210	171	280	5900	1V72411000	1V72411010



1V725

True union grey PVC spheric ball valve, BSP female threaded socket, with fixed ball support and radial disassembly. EPDM or FKM seals. PTFE ball seats.

G	PN	DN	L	Z	C	E	H	B	g	EPDM CODE	FKM CODE
3/8"	16	10	13	56	82	53	51	66	150	1V72501600	1V72501610
1/2"	16	15	17	56	90	53	51	66	145	1V72502000	1V72502010
3/4"	16	20	19	55	93	62	59	77	225	1V72502500	1V72502510
1"	16	25	22	66	110	71	66	88	320	1V72503200	1V72503210
1"1/4	16	32	24	79	127	84	77	102	515	1V72504000	1V72504010
1"1/2	16	40	24	83	131	98	87	117	735	1V72505000	1V72505010
2"	16	50	29	103	161	117	105	140	1260	1V72506300	1V72506310
2"1/2	10	65	33	164	230	168	138	225	3400	1V72507500	1V72507510
3"	10	80	36	172	244	168	138	225	3500	1V72509000	1V72509010
4"	10	100	42	200	284	210	171	280	5900	1V72511000	1V72511010

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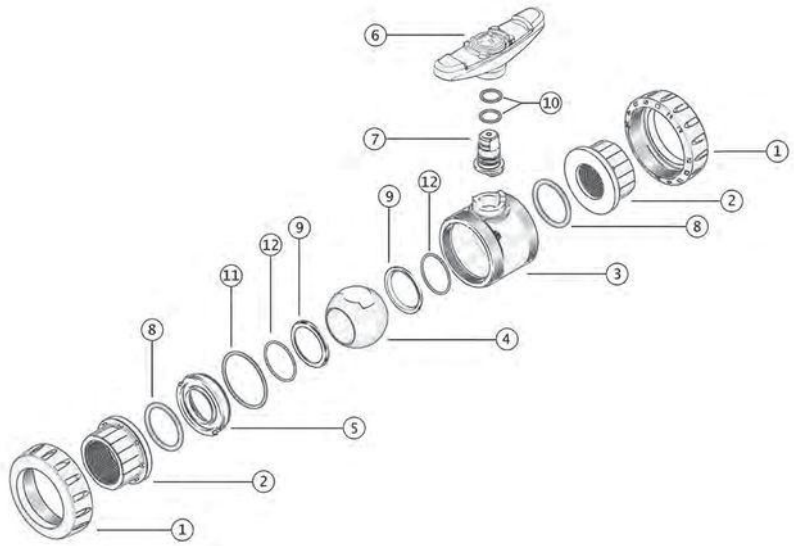
3V724

True union grey PVC spheric ball valve, BS standard plain solvent weld socket, with fixed ball support and radial disassembly. EPDM or FKM seals. PTFE ball seats. Dimension drawing as 1V724.

G	PN	DN	L	Z	C	E	H	B	g	EPDM CODE	FKM CODE
3/8"	16	10	15	52	82	53	51	66	150	3V72401600	3V72401610
1/2"	16	15	17	48	82	53	51	66	145	3V72402000	3V72402010
3/4"	16	20	19	53	91	62	59	77	220	3V72402500	3V72402510
1"	16	25	22	59	103	71	66	88	315	3V72403200	3V72403210
1"1/4	16	32	26	68	120	84	77	102	505	3V72404000	3V72404010
1"1/2	16	40	31	77	139	98	87	117	725	3V72405000	3V72405010
2"	16	50	38	98	174	117	105	140	1245	3V72406300	3V72406310
2"1/2	10	65	44	142	230	168	138	225	3400	1V72407500	1V72407510
3"	10	80	51	142	244	168	138	225	3500	3V72409000	3V72409010
4"	10	100	61	162	284	210	171	280	5900	3V72411000	3V72411010

Dimensions in mm; weight (g) in grams.

COMPONENTS



No.	COMPONENT	MATERIAL	QTY	No.	COMPONENT	MATERIAL	QTY
1	Nut	PVC-U	2	7	Stem	PVC-U	1
2	Union end	PVC-U	2	8	Socket O-ring	EPDM/FKM	2
3	Body	PVC-U	1	9	Ball seat	PE	2
4	Ball	PVC-U	1	10*	Stem O-ring	EPDM/FKM	1
5	Support	PVC-U	1	11	Radial O-ring	EPDM/FKM	1
6	Handle	PVC-U	1	12**	Ball seat O-ring	EPDM/FKM	2

** 2 pcs for DN 65 ÷ 100. ** Only for DN 65 ÷ 100. Specifications are subject to change without notice.*