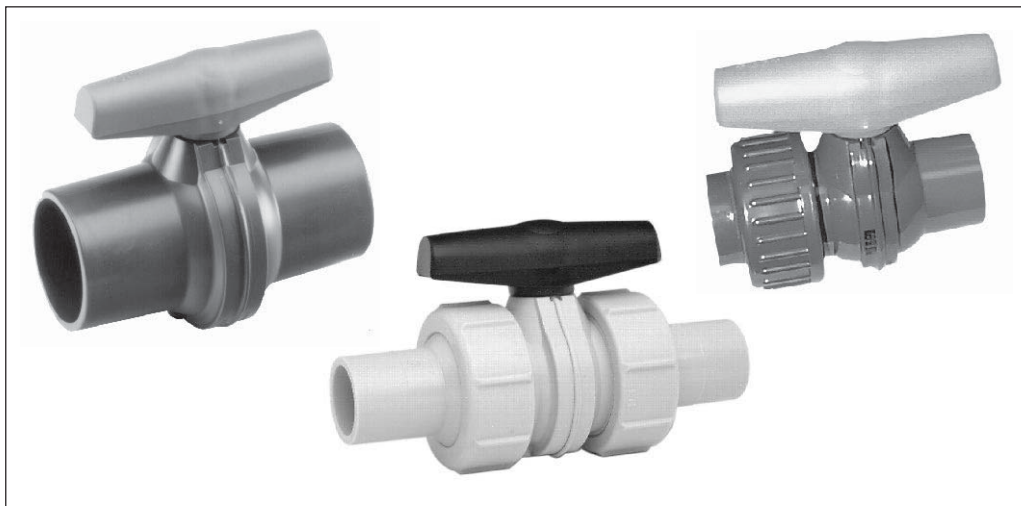


George Fischer Type 353, 354, 355 COLORO Ball Valves



The George Fischer Type 353, 354, and 355 plastic ball valves feature:

- monobloc structure provides high safety level: user cannot disassemble or adjust
- compact and space saving
- low torque
- EPDM or FPM Seals (except Type 354)
- low cost

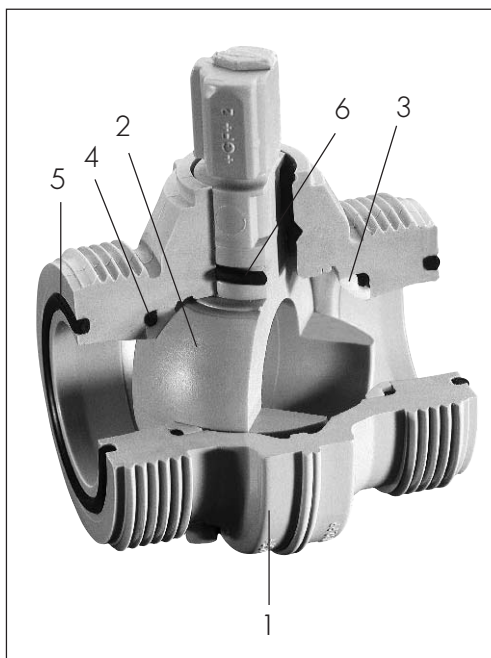
General

The George Fischer Type 353, 354, and 355 COLORO ball valves are ideal for most industrial applications. The high-tech design, with monobloc structure provides a high level of safety – user cannot disassemble or adjust. A two piece body, permanently fused around an integral ball and stem eliminates stem blowout and ball position backlash. Automated manufacturing with integrated quality control offers uniform performance and low torque. Rugged PVC construction. Piping stress transmitted through integral body, not end connectors or ball.

Technical Features

- Sizes 1/2" to 2", NPT threaded or solvent cement socket
- Pressure rating: 232 psi socket, 150 psi threaded
- Valve position indication visible, with or without lever handle
- Ideal sealing materials: ball seat from PTFE; stem, and seat backing O-rings from EPDM or FPM
- Ball seat backing O-rings compensate for seal wear; no readjustment necessary; uniform, low torque.
- Short overall length
- Short laying length
- Low profile
- Few component parts

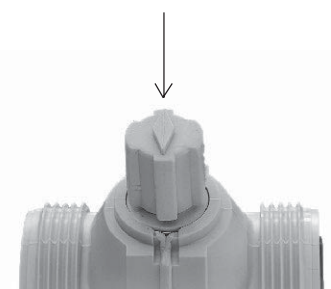
1. Compact body
2. Ball and shaft in one piece
3. Ball seal
4. Backing seal
5. Union end seal
6. Shaft seal



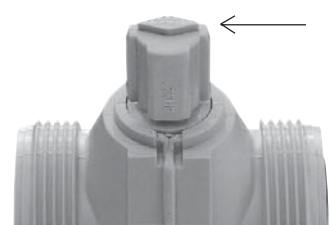
10

Safety

The ball position is also visible on the shaft when the handle is withdrawn.

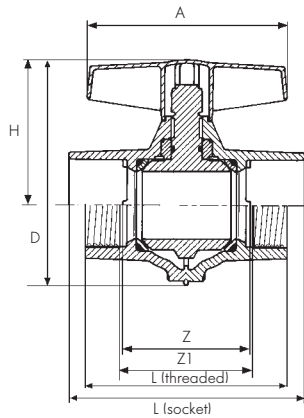


Closed position



Open position

Dimensions and Part Numbers for Type 353 Compact Ball Valve



Z = socket laying length
Z1 = threaded laying length



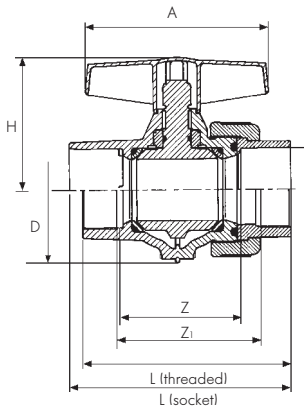
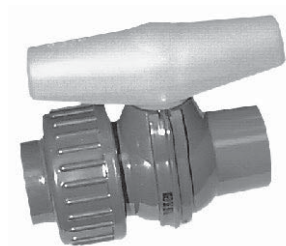
PVC with ASTM solvent cement socket 232 psi/16 bar

Inch size	Part Numbers EPDM	FPM	wt. lbs.	A inch	D inch	H inch	L inch	Z inch
1/2	161 353 342	161 353 352	0.16	3.07	2.97	2.01	3.04	1.29
3/4	161 353 343	161 353 353	0.21	3.62	3.35	2.28	3.51	1.51
1	161 353 344	161 353 354	0.30	3.62	3.72	2.46	4.13	1.87
1 1/4	161 353 345	161 353 355	0.49	4.57	4.55	3.01	4.69	2.19
1 1/2	161 353 346	161 353 356	0.68	4.57	5.04	3.27	5.35	2.60
2	161 353 347	161 353 357	1.43	5.51	6.20	4.00	6.30	3.27

PVC with NPT threads 150 psi/10 bar

Inch size	Part Numbers EPDM	FPM	wt. lbs.	A inch	D inch	H inch	L inch	Z inch
1/2	161 353 362	161 353 372	0.16	3.07	2.97	2.01	2.76	1.41
3/4	161 353 363	161 353 373	0.21	3.62	3.35	2.28	3.06	1.68
1	161 353 364	161 353 374	0.30	3.62	3.72	2.46	3.73	2.03
1 1/4	161 353 365	161 353 375	0.49	4.57	4.55	3.01	4.28	2.50
1 1/2	161 353 366	161 353 376	0.68	4.57	5.04	3.27	4.62	2.83
2	161 353 367	161 353 377	1.43	5.51	6.20	4.00	5.71	3.82

Dimensions and Part Numbers for Type 354 Single Union Ball Valve



PVC with ASTM solvent cement socket 232 psi/16 bar

Inch size	Part Numbers EPDM	FPM*	wt. lbs.	A inch	D inch	H inch	L inch	Z inch
1/2	161 354 342	N/A	0.22	3.07	2.97	2.01	3.56	1.82
3/4	161 354 343	N/A	0.31	3.62	3.35	2.28	4.02	2.06
1	161 354 344	N/A	0.44	3.62	3.72	2.46	4.56	2.30
1 1/4	161 354 345	N/A	0.74	4.57	4.55	3.01	5.16	2.67
1 1/2	161 354 346	N/A	1.01	4.57	5.04	3.27	5.73	2.97
2	161 354 347	N/A	1.90	5.51	6.20	4.00	6.54	3.54

PVC with NPT threads 150 psi/10 bar

Inch size	Part Numbers EPDM	FPM *	wt. lbs.	A inch	D inch	H inch	L inch	Z inch
1/2	161 354 362	N/A	0.22	3.07	2.97	2.01	3.19	1.84
3/4	161 354 363	N/A	0.31	3.62	3.35	2.28	3.57	2.20
1	161 354 364	N/A	0.44	3.62	3.72	2.46	4.09	2.39
1 1/4	161 354 365	N/A	0.74	4.57	4.55	3.01	4.74	2.95
1 1/2	161 354 366	N/A	1.01	4.57	5.04	3.27	5.20	3.42
2	161 354 367	N/A	1.90	5.51	6.20	4.00	6.26	4.37

*500 pc. minimum order required