

econ ball valves carbon steel stainless steel

reduced or full bore
3 piece body
blow-out proof stem
design according to BS 5351

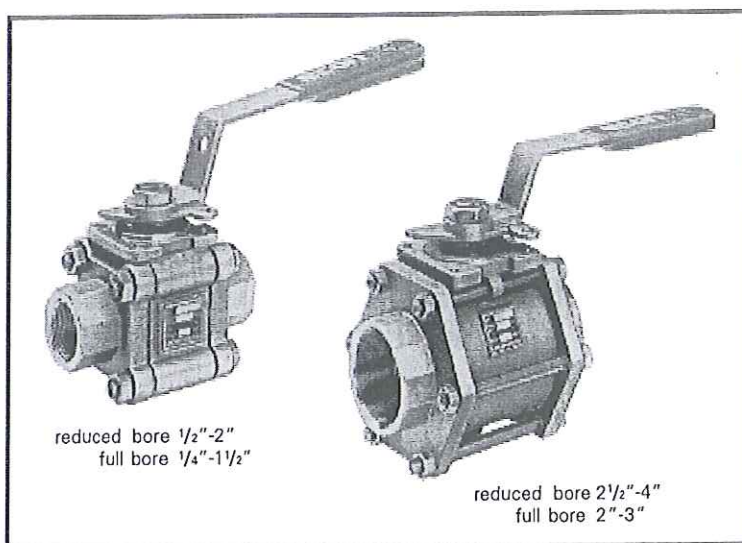
BSPP threaded ends

carbon steel: fig.7422A*
stainless steel: fig. 7442A*

NPT threaded ends

carbon steel: fig.7522A*
stainless steel: fig. 7542A*

*reduced bore, for full bore type
add suffix B to the figure number



features:

Thanks to their three piece construction, these ball valves are easy to inspect or repair. The centre part of the body can be taken out of the pipe system in order to replace ball and seat rings. The stem packing does not need readjustment thanks to the use of disc springs.

pressure/temperature rating:

see page 102

materials:

part	material according to DIN		Ws. no.
carbon steel type			
body	cast steel	GS-C 25N	1.0619.01
end pieces	cast steel	GS-C 25N	1.0619.01
stainless steel type			
body	stainless steel	G-X6CrNiMo18 10	1.4408
end pieces	stainless steel	G-X6CrNiMo18 10	1.4408
for both types			
ball and stem	stainless steel	AISI-316	
lever	stainless steel	AISI-304	
seat rings	reinforced PTFE (15 % glass)		
stem seal	PTFE with 15 % graphite		

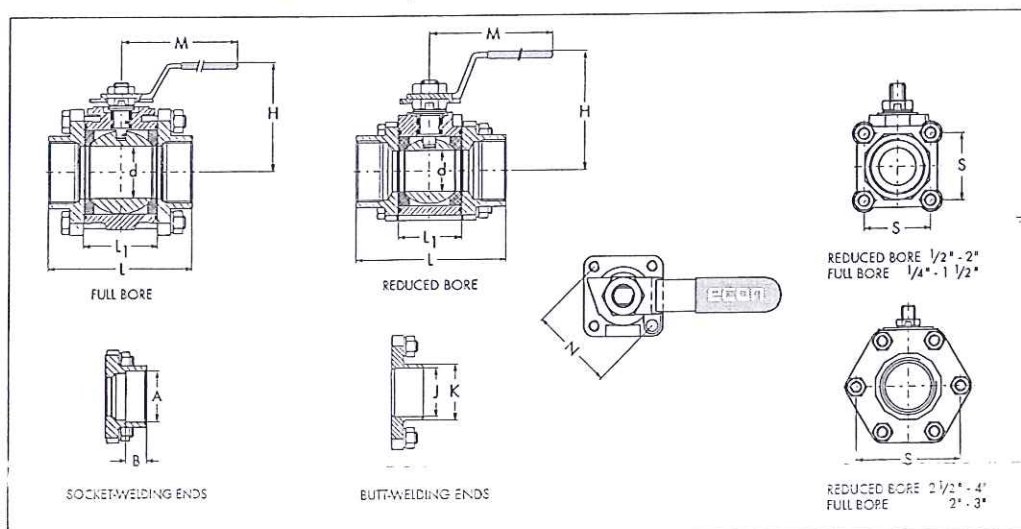
on request:

when ordering, add suffix (..) to the figure number

- with pneumatic or electric actuator
- with locking device (L)
- fire-safe (F)
- with steam jacket (V)
- with stem extension according to TA-Luft (S)
- seat rings for high temperatures

dimensions (mm):

see next page





econ ball valves

carbon steel

stainless steel

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butt-welding ends

carbon steel: fig. 7622A-BW*

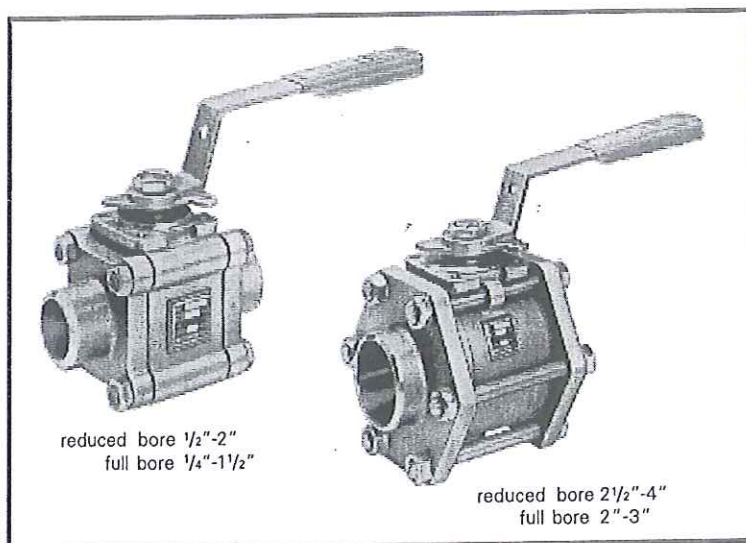
stainless steel: fig. 7642A-BW*

socket-welding ends

carbon steel: fig. 7622A-SW*

stainless steel: fig. 7642A-SW*

* reduced bore, for full bore type
add suffix B to the figure number



features: see previous page

pressure/temperature rating: see page 102

materials:	part	material according to DIN	W.s. no.
carbon steel type	body	cast steel GS-C 25N	1.0619.01
	end pieces	cast steel GS-C 25N	1.0619.01
stainless steel type	body	stainless steel G-X6CrNiMo18 10	1.4408
	end pieces	stainless steel G-X2CrNiMo17 13 2	1.4404
for both types	ball and stem	stainless steel AISI-316	
	lever	stainless steel AISI-304	
	seat rings	reinforced PTFE (15 % glass)	
	stem seal	PTFE with 15 % graphite	

on request: see previous page

dimensions (mm): drawings on previous page

D	reduced bore							full bore										
	ød	L	L _i	H	M	N	wt (kg)	ød	L	L _i	H	M	N	wt (kg)	A	B	J	K
1/4"	-	-	-	-	-	-	-	12.7	67.2	21.2	65	120	F03	0.6	14.1	9.5	9.2	13.7
3/8"	-	-	-	-	-	-	-	12.7	67.2	21.2	65	120	F03	0.6	17.5	9.5	12.5	17.1
1/2"	12.7	67.5	21.2	65	120	F03	0.6	15	72.2	25.2	78	135	F04	0.8	22.4	9.5	15.8	21.3
3/4"	15	72.2	25.2	78	135	F04	0.8	20	97.2	32.3	85	168	F05	1.5	27.4	14.3	21	26.7
1"	20	97.2	32.3	85	168	F05	1.5	25	110	42.3	88	168	F05	1.9	34.2	15.9	26.6	33.4
1 1/4"	25	110	42.3	88	168	F05	1.9	31.8	118	49.4	101	202	F07	2.8	43	17.5	35.1	42.2
1 1/2"	31.8	118	49.4	101	202	F07	2.8	38.1	130	57.2	106	202	F07	3.9	49	19.1	40.9	48.3
2"	38.1	130	57.2	106	202	F07	3.9	50.8	142	71.4	120	202	F07	6.2	61.1	22.2	52.5	60.3
2 1/2"	50.8	142	71.4	120	202	F07	6.2	65	174	89	160	252	F10	10.3	77.1	29.5	68.9	76.1
3"	65	174	89	160	252	F10	10.3	76	183	103.5	175	282	F10	17	90.2	37.5	77.9	85.9
4"	76	193	108.5	175	252	F10	17	-	-	-	-	-	-	-	115.1	39.6	102.3	114.3