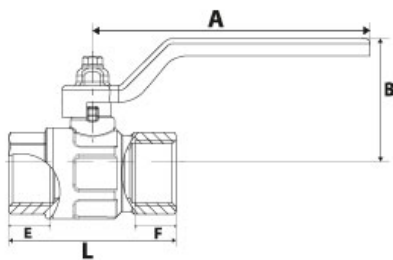


Standard type, with full bore

Material	Nickel-plated brass
Ball	Chrome-plated brass
Ball seals	PTFE
Stem seal	NBR / FKM (sealing package composed of two O-rings)
Hand lever	Galvanised steel, painted red or black
Wing lever	Aluminium, painted red or black
Operating temperature	-20 °C to 150 °C (no steam)
Applications	Compressed air, water, non-toxic and non-corrosive gases, heating systems and air conditioning systems
Thread	G thread acc. to DIN EN ISO 228-1, ISO 228-1, tolerance class B

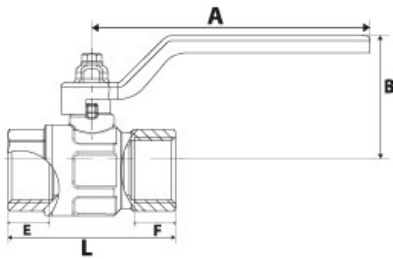


Ball valves with hand lever red, standard type, female/female thread

Art. No.	Type No.	Thread	Thread material	DN	PN bar	A mm	B mm	L mm	E mm	F mm
103093	329.02-R	G 1/4	Nickelt-plated brass	8	50	80.0	37.0	44.4	10.0	10.0
103094	329.03-R	G 3/8	Nickelt-plated brass	10	50	80.0	37.0	44.4	10.0	10.0
103095	329.04-R	G 1/2	Nickelt-plated brass	15	50	80.0	41.0	50.5	12.5	12.0
103096	329.05-R	G 3/4	Nickelt-plated brass	20	40	113.0	55.0	57.5	13.5	12.5
103097	329.06-R	G 1	Nickelt-plated brass	25	40	113.0	59.0	70.0	15.0	15.0
103098	329.07-R	G 1 1/4	Nickelt-plated brass	32	30	138.0	75.0	80.5	16.5	17.0
103099	329.08-R	G 1 1/2	Nickelt-plated brass	40	30	138.0	81.0	94.5	17.5	18.5
103100	329.09-R	G 2	Nickelt-plated brass	50	25	157.8	96.0	112.5	20.5	22.0
103101	329.10-R	G 2 1/2	Nickelt-plated brass	65	18	197.0	115.0	134.5	24.0	24.0
103102	329.11-R	G 3	Nickelt-plated brass	80	16	250.0	133.0	157.0	26.0	26.0

Ball valves with hand lever black, standard type, female/female thread

Art. No.	Type No.	Thread	Thread material	DN	PN bar	A mm	B mm	L mm	E mm	F mm
129122	329.02-S	G 1/4	Nickelt-plated brass	8	50	80.0	37.0	44.4	10.0	10.0
129123	329.03-S	G 3/8	Nickelt-plated brass	10	50	80.0	37.0	44.4	10.0	10.0
129124	329.04-S	G 1/2	Nickelt-plated brass	15	50	80.0	41.0	50.5	12.5	12.0
129125	329.05-S	G 3/4	Nickelt-plated brass	20	40	113.0	55.0	57.5	13.5	12.5
129126	329.06-S	G 1	Nickelt-plated brass	25	40	113.0	59.0	70.0	15.0	15.0
129127	329.07-S	G 1 1/4	Nickelt-plated brass	32	30	138.0	75.0	80.5	16.5	17.0
129128	329.08-S	G 1 1/2	Nickelt-plated brass	40	30	138.0	81.0	94.5	17.5	18.5
129129	329.09-S	G 2	Nickelt-plated brass	50	25	157.8	96.0	112.5	20.5	22.0
129130	329.10-S	G 2 1/2	Nickelt-plated brass	65	18	197.0	115.0	134.5	24.0	24.0
129131	329.11-S	G 3	Nickelt-plated brass	80	16	250.0	133.0	157.0	26.0	26.0



Ball valves with hand lever red, standard type, female/male thread

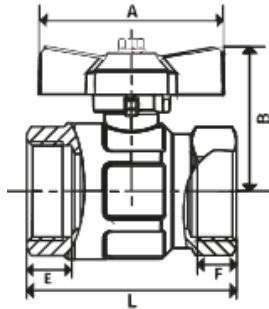
Art. No.	Type No.	Thread	Thread material	DN	PN bar	A mm	B mm	L mm	E mm	F mm
103103	329.22-R	G 1/4	Nickelt-plated brass	8	50	80.0	37.0	54.0	10.5	10.0
103104	329.23-R	G 3/8	Nickelt-plated brass	10	50	80.0	37.0	54.0	10.5	10.0
103105	329.24-R	G 1/2	Nickelt-plated brass	15	50	80.0	41.0	58.5	11.5	12.0
103106	329.25-R	G 3/4	Nickelt-plated brass	20	40	113.0	55.0	66.5	13.5	12.5
103107	329.26-R	G 1	Nickelt-plated brass	25	40	113.0	59.0	78.5	14.5	15.0
103108	329.27-R	G 1 1/4	Nickelt-plated brass	32	30	138.0	75.0	91.5	17.0	17.0
103109	329.28-R	G 1 1/2	Nickelt-plated brass	40	30	138.0	81.0	105.5	19.0	18.5
103110	329.29-R	G 2	Nickelt-plated brass	50	25	157.8	96.0	122.0	21.0	22.0

Ball valves with hand lever black, standard type, female/male thread

Artikel Nr.	Typen Nr.	Gewinde	Gewindematerial	DN	PN bar	A mm	B mm	L mm	E mm	F mm
129132	329.22-S	G 1/4	Nickelt-plated brass	8	50	80.0	37.0	54.0	10.5	10.0
129133	329.23-S	G 3/8	Nickelt-plated brass	10	50	80.0	37.0	54.0	10.5	10.0
129134	329.24-S	G 1/2	Nickelt-plated brass	15	50	80.0	41.0	58.5	11.5	12.0
129135	329.25-S	G 3/4	Nickelt-plated brass	20	40	113.0	55.0	66.5	13.5	12.5
129136	329.26-S	G 1	Nickelt-plated brass	25	40	113.0	59.0	78.5	14.5	15.0
129137	329.27-S	G 1 1/4	Nickelt-plated brass	32	30	138.0	75.0	91.5	17.0	17.0
129138	329.28-S	G 1 1/2	Nickelt-plated brass	40	30	138.0	81.0	105.5	19.0	18.5
129139	329.29-S	G 2	Nickelt-plated brass	50	25	157.8	96.0	122.0	21.0	22.0

Replacement hand lever for ball valves standard type

Art. No.	Type No.	Description	For thread
129108	EHS1412	Galvanised steel, painted black	G 1/4 - G 1/2
129109	EHR1412	Galvanised steel, painted red	G 1/4 - G 1/2
129110	EHS341	Galvanised steel, painted black	G 3/4 - G 1
129111	EHR341	Galvanised steel, painted red	G 3/4 - G 1
129112	EHS114112	Galvanised steel, painted black	G 1 1/4 - G 1 1/2
129113	EHR114112	Galvanised steel, painted red	G 1 1/4 - G 1 1/2
129114	EHS2	Galvanised steel, painted black	G 2
129115	EHR2	Galvanised steel, painted red	G 2
129154	EHS3	Galvanised steel, painted black	G 3
129155	EHR3	Galvanised steel, painted red	G 3

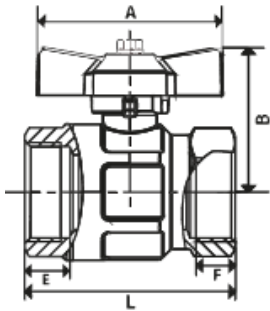


Ball valves with wing lever red, standard type, female/female thread

Art. No.	Type No.	Thread	Thread material	DN	PN bar	A mm	B mm	L mm	E mm	F mm
103111	329.42-R	G 1/4	Bright brass	8	50	47.0	37.0	44.4	10.0	10.0
103112	329.43-R	G 3/8	Bright brass	10	50	47.0	37.0	44.4	10.0	10.0
103113	329.44-R	G 1/2	Bright brass	15	50	47.0	41.0	50.5	12.5	12.0
103114	329.45-R	G 3/4	Bright brass	20	40	62.0	55.0	57.5	13.5	12.5
103115	329.46-R	G 1	Bright brass	25	40	62.0	59.0	70.0	15.0	15.0
103116	329.47-R	G 1 1/4	Bright brass	32	30	70.0	75.0	80.5	16.5	17.0

Ball valves with wing lever black, standard type, female/female thread

Art. No.	Type No.	Thread	Thread material	DN	PN bar	A mm	B mm	L mm	E mm	F mm
129140	329.42-S	G 1/4	Bright brass	8	50	47.0	37.0	44.4	10.0	10.0
129141	329.43-S	G 3/8	Bright brass	10	50	47.0	37.0	44.4	10.0	10.0
129142	329.44-S	G 1/2	Bright brass	15	50	47.0	41.0	50.5	12.5	12.0
129143	329.45-S	G 3/4	Bright brass	20	40	62.0	55.0	57.5	13.5	12.5
129144	329.46-S	G 1	Bright brass	25	40	62.0	59.0	70.0	15.0	15.0
129145	329.47-S	G 1 1/4	Bright brass	32	30	70.0	75.0	80.5	16.5	17.0



Ball valves with wing lever red, standard type, female/male thread

Art. No.	Type No.	Thread	Thread material	DN	PN bar	A mm	B mm	L mm	E mm	F mm
103117	329.52-R	G 1/4	Bright brass	8	50	47.0	37.0	54.0	10.5	10.0
103118	329.53-R	G 3/8	Bright brass	10	50	47.0	37.0	54.0	10.5	10.0
103119	329.54-R	G 1/2	Bright brass	15	50	47.0	41.0	58.5	11.5	12.0
103120	329.55-R	G 3/4	Bright brass	20	40	62.0	47.0	66.5	13.5	12.5
103121	329.56-R	G 1	Bright brass	25	40	62.0	51.0	78.5	14.5	15.0
103122	329.57-R	G 1 1/4	Bright brass	32	30	70.0	64.0	91.5	17.0	17.0

Ball valves with wing lever black, standard type, female/male thread

Art. No.	Type No.	Thread	Thread material	DN	PN bar	A mm	B mm	L mm	E mm	F mm
129146	329.52-S	G 1/4	Bright brass	8	50	47.0	37.0	54.0	10.5	10.0
129147	329.53-S	G 3/8	Bright brass	10	50	47.0	37.0	54.0	10.5	10.0
129148	329.54-S	G 1/2	Bright brass	15	50	47.0	41.0	58.5	11.5	12.0
129149	329.55-S	G 3/4	Bright brass	20	40	62.0	47.0	66.5	13.5	12.5
129150	329.56-S	G 1	Bright brass	25	40	62.0	51.0	78.5	14.5	15.0
129151	329.57-S	G 1 1/4	Bright brass	32	30	70.0	64.0	91.5	17.0	17.0

Replacement wing lever for ball valves standard type

Art. No.	Type No.	Description	For thread
129116	EFS1412	Aluminium, painted black	G 1/4 - G 1/2
129117	EFR1412	Aluminium, painted red	G 1/4 - G 1/2
129118	EFS341	Aluminium, painted black	G 3/4 - G 1
129119	EFR341	Aluminium, painted red	G 3/4 - G 1
129120	EFS114	Aluminium, painted black	G 1 1/4
129121	EFR114	Aluminium, painted red	G 1 1/4