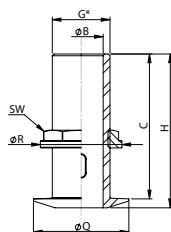


Marine fittings, bronze (ISO CuPb5Sn5Zn5)

Thru-hull - Chamfered



THRU..



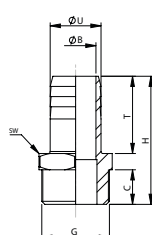
Type	Thread (G)*	ØB (mm)	H (mm)	C (mm)	ØQ (mm)	ØR (mm)	SW (mm)	Weight (kg)
THRUB1/2	1/2"	15	64	59	39	38	25	0,15
THRUB3/4	3/4"	19	70	65	48	48	32	0,23
THRUB1	1"	25	89	83	56	54	39	0,40
THRUB11/4	1 1/4"	34	82	76	65	64	49	0,45
THRUB11/2	1 1/2"	39	100	93	72	70	55	0,63

* According to ISO 228/1-G..B

Hose connector



HPB..



Type	Thread (G)*	ØU (mm)	ØB (mm)	H (mm)	C (mm)	SW (mm)	T (mm)	Weight (kg)
HPB3/8	3/8"	13	9	46	10	19	30	0,04
HPB1/2	1/2"	13	10	51	13	23	30	0,06
HPB3/4	3/4"	20	15	53	14	28	32	0,08
HPB1	1"	25	20	62	15	36	38	0,17
HPB11/4	1 1/4"	31	26	67	16	45	42	0,25
HPB11/2	1 1/2"	37	32	72	18	52	45	0,30

* According to ISO 228/1-G..B

Manifold



MAN.G..

V-Quipment fluid manifolds enable a number of pipes to be connected to a single thru-hull fitting. These manifolds are made of seawater resistant bronze (ISO CuZn35Al1). They may also be connected to an underwater skin fitting with ball valve for raw water intake. It is not recommended to connect multiple engines or generating sets to one raw water intake.

Type	Main connections (M/F) (G)*	Connections (F) (G)*
MAN2G1/2	3/4"	2 x 1/2"
MAN3G1/2	3/4"	3 x 1/2"
MAN2G3/4	1"	2 x 3/4"
MAN3G3/4	1"	3 x 3/4"

* According to ISO 228/1-G..B

Ball valve



BVB..

Ball valve, bronze body CuSn5Zn5Pb5/CC491K

Type	Thread (G)* Female	Bore	Working Press (bar)	Working temp. (°C)	Dimensions (hxbxd) (mm)	Weight (kg)
BVB1/2	1/2"	Full Bore	32	-10 - +120	120x60x40	0,28
BVB3/4	3/4"	Full Bore	32	-10 - +120	140x70x40	0,38
BVB1	1"	Full Bore	32	-10 - +120	150x80x50	0,60
BVB11/4	1 1/4"	Full Bore	32	-10 - +120	175x98x60	0,95
BVB11/2	1 1/2"	Full Bore	32	-10 - +120	180x110x75	1,30

* According to ISO 228/1-G..

For use in (heavily polluted) salt water, we advise against using these ball valves.