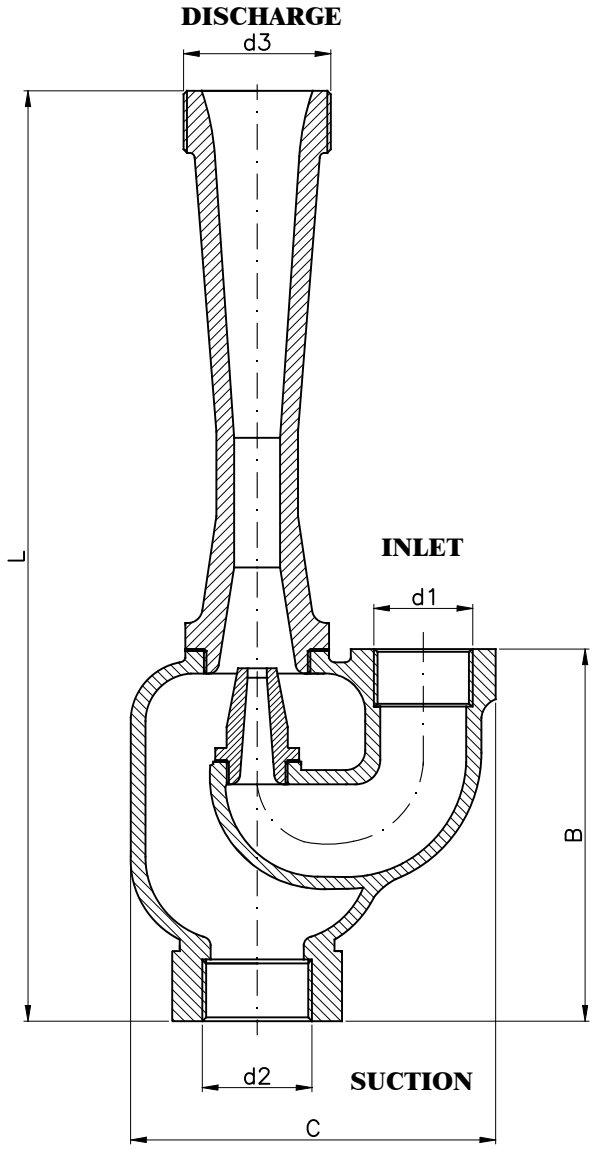
Specifications

Motive liquid pressure: 2 – 10 bar g
Suction lift: up to 6mt
Suction capacities: up to 30 mc/h
Discharge head: up to 20 mt
Test: each ejector is subject to careful testing and certified by an hydrostatic test report



Ejectors "G/G" type
Coefficient values K=Qs/Qm=suction capacity/motive liquid consumption
Table 1

Suction Lift (mwc)	Motive Pressure (bar g)	Delivery head (mwc) 5	10	15	20
	2	0.57	0.17		
	3	1.05	0.42	0.18	
	4	1.39	0.68	0.36	0.17
	5	1.7	0.89	0.54	0.26
2mt	6	2.05	1.1	0.71	0.36
	7	2.4	1.28	0.8	0.45
	8	2.7	1.45	0.88	0.55
	9	2.98	1.6	0.97	0.62
	10	3.25	1.78	1.08	0.68

Ejectors "B/G" type
Coefficient values K=Qs/Qm=suction capacity/motive liquid consumption
Table 2

Suction Lift (mwc)	Motive Pressure (bar g)	Delivery head (mwc) 5	10	15	20
	2	0.5	0.14		
	3	0.75	0.32	0.14	
	4	1	0.5	0.25	0.14
	5	1.25	0.65	0.36	0.2
5mt	6	1.5	0.8	0.47	0.25
	7	1.68	0.92	0.57	0.31
	8	1.85	1.03	0.66	0.4
	9	2	1.14	0.72	0.47
	10	2.15	1.25	0.8	0.53

Example: required capacity: 72mc/h – delivery head: 5mwc
Motive pressure: 5 bar g – suction lift: 2 mwc
From table1: K=1.7
This ratio indicates the ejector will have a suction capacity equal to 1.7 mc for every mc of inlet liquid
Motive liquid consumption: 4 mc/h
from table B/G the size G1 is chosen

✻ : *BSPP threaded*

SIZE	Total capacity at discharge l/h	d1	d2	d3	L	B	C	Weight (Kg)
B0	1500	3/4"	3/4"	3/4"	223	92	93	2
B1	3000	1"	1"	1"	275	110	115	4
B2	8000	1"1/4	1"1/4	1"1/2	305	120	128	5
G1	14500	1"1/2	1"1/2	2"	390	152	150	8
G2	26000	2"	2"	2"1/2	490	182	180	14
G3	40000	2"1/2	2"1/2	3"	635	215	200	25

Combinazione materiali standard – Standard materials Combination

		B/316
ITEM	DENOMINAZIONE DENOMINATION	MATERIALE MATERIAL
01	Head	Bronze UNI EN1982 G-CuSn5Zn5Pb5
02	Nozzle	Stainless steel AISI316 UNI EN10088
03	Diffusor	Bronze UNI EN1982 G-CuSn5Zn5Pb5
Nota: Note:	Combinazioni materiali non standard a richiesta / Non standard materials combinations on request	