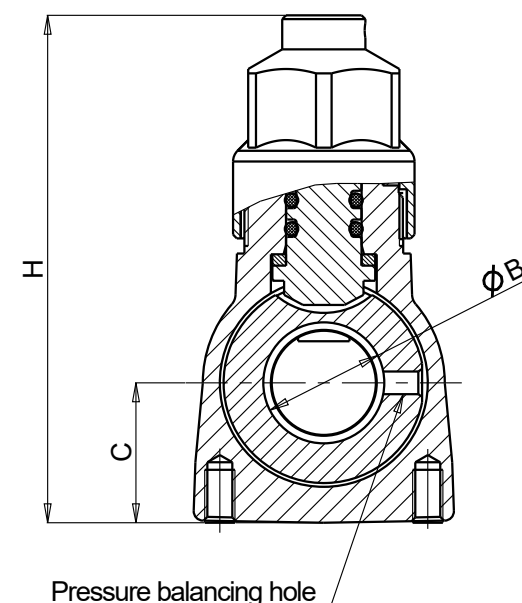
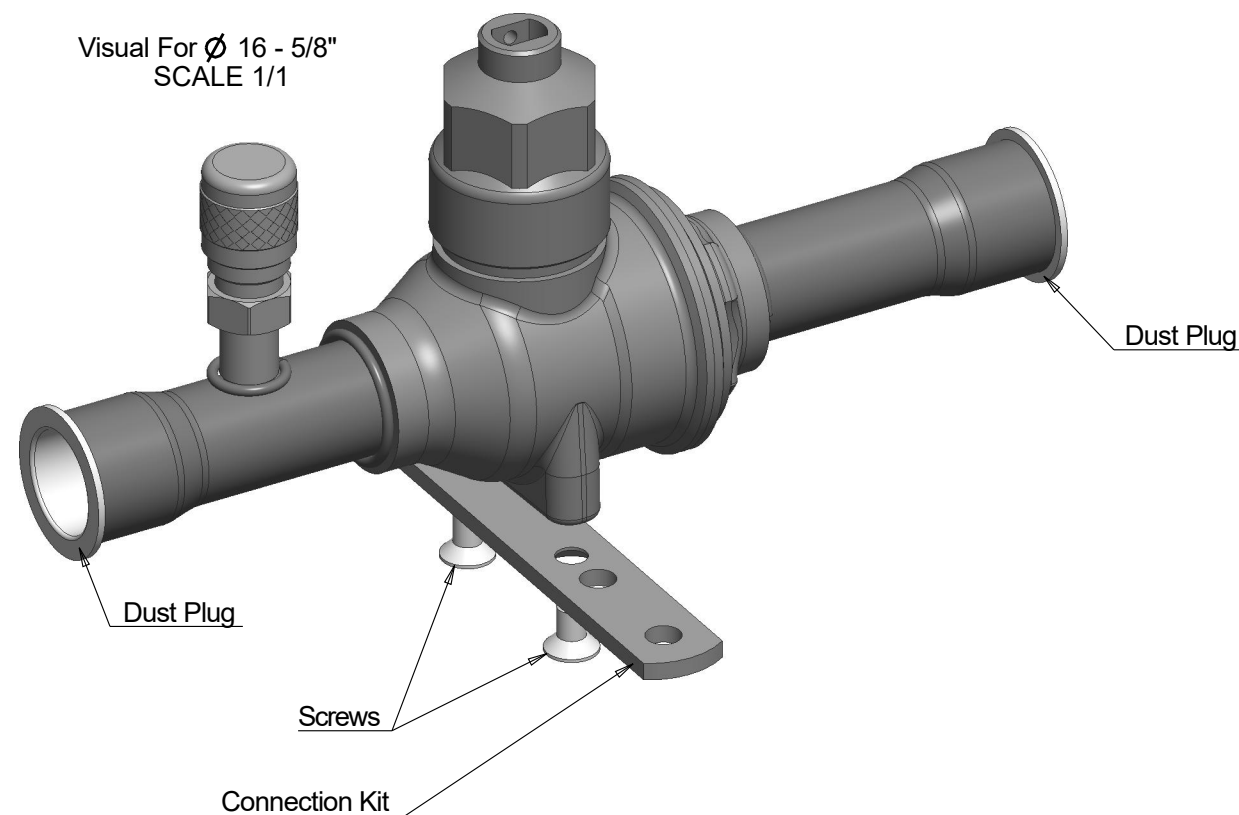
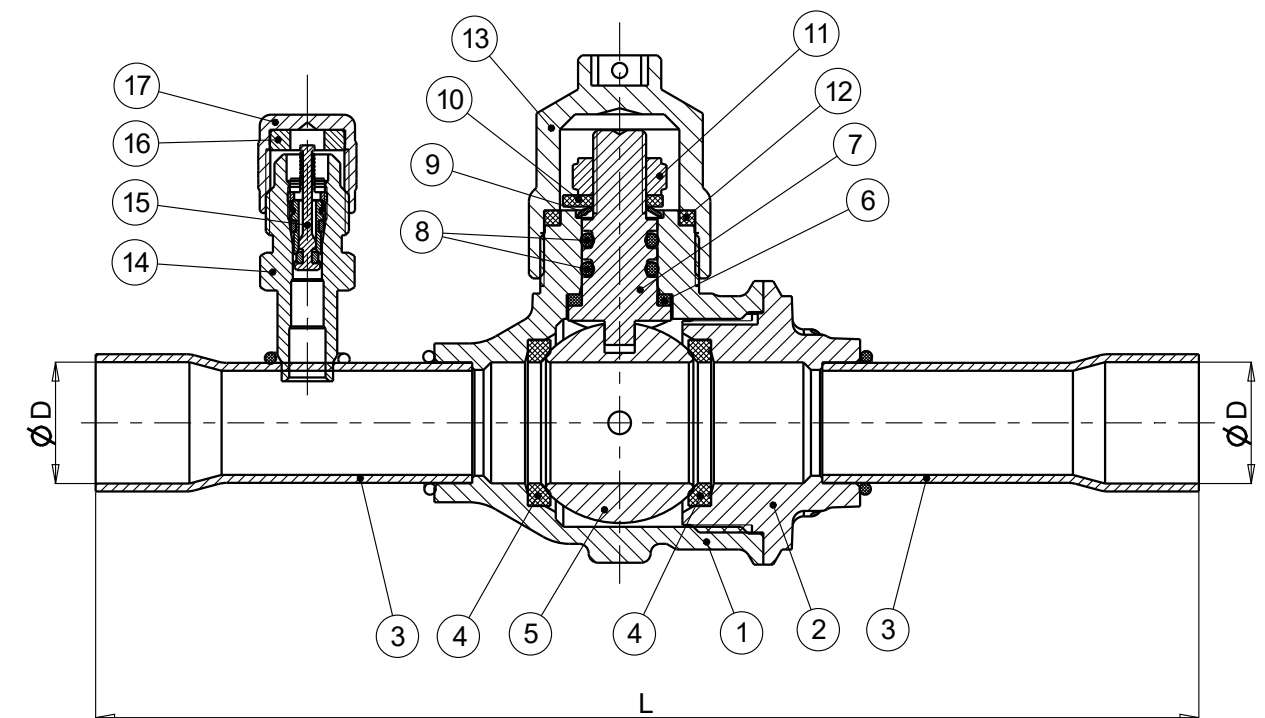


Visual For Ø 16 - 5/8"
SCALE 1/1



Metric Series			Inch Series			Dimensions				Kv (m³/h)
Nominal Diameter	Item Code	Ø D	Nominal Diameter	Item Code	Ø D	L	H	C	Ø B	
Ø 6	601027024	6.12 ^{+0.1}	1/4"	601027030	6.46 ^{+0.1}	126	55	13	10 ^{+0.2}	1.6
Ø 8 - 5/16"	601027025	8.12 ^{+0.1}				132	55	13	10 ^{+0.2}	4.2
Ø 10	601017980	10.12 ^{+0.1}	3/8"	601017990	9.65 ^{+0.1}	132	55	13	10 ^{+0.2}	5.3
Ø 12	601017981	12.12 ^{+0.1}	1/2"	601017991	12.85 ^{+0.1}	140	55	13	10 ^{+0.2}	6.6
Ø 15	601027001	15.15 ^{+0.1}				146	67	18.5	16 ^{+0.2}	13
Ø 16 - 5/8"	601027002	16.05 ^{+0.1}				146	67	18.5	16 ^{+0.2}	13
Ø 18	601027003	18.15 ^{+0.1}	3/4"	601027009	19.02 ^{+0.12}	146	67	18.5	16 ^{+0.2}	17
Ø 22	601027004	22.15 ^{+0.12}	7/8"	601027010	22.35 ^{+0.12}	185	78	22	20 ^{+0.2}	26
Ø 28	601027005	28.15 ^{+0.12}	1 1/8"	601027011	28.75 ^{+0.12}	205	88	26	25 ^{+0.2}	41
Ø 35 - 1 3/8"	601027006	35.09 ^{+0.14}				208	100	32	32 ^{+0.2}	86
Ø 42	601027007	42.15 ^{+0.15}	1 5/8"	601027012	41.45 ^{+0.14}	242	120	38.5	38 ^{+0.2}	110
Ø 54 - 2 1/8"	601027008	54.20 ^{+0.15}				273	140	48.5	50 ^{+0.3}	208



Item	Part Name	Material
1	Body	Brass CuZn40Pb2
2	Cover	Brass CuZn40Pb2
3	Copper Tube	K-65 (EN 12449)
4	Sealing Element	PTFE (%25 Carbon Filled)
5	Ball	Brass CuZn40Pb2
6	Spindle Gasket	PTFE
7	Spindle	Stainless Steel AISI 303
8	O-ring	EPDM
9	Belleville Washer	Spring Steel X12CrNi17-7
10	Block Ring	Stainless Steel AISI 304
11	Nut	Brass CuZn39Pb3
12	Upper Cover Gasket	POM
13	Upper Cover	Brass CuZn40Pb2
14	Charging Unit Body	Brass CuZn39Pb3
15	Charging Unit Core	with EPDM Gasket
16	Gasket	EPDM
17	Charging Unit Cap	Brass CuZn39Pb3

Nominal Pressure: 130 bar
Operating Temperature: -40 C ... +150°C
Medium: CO₂
Directive: PED 2014/68/EU

NOMINAL DIMENSIONS	0.5-6	6-30	30-120	120-400	C			
TOLERANCES	±0.1	±0.2	±0.3	±0.5	B			
					A			
FREE DIMENSION TOLERANCES					Letter	Modifications	Date	Name
Angle Tolerances					Material: CO2 Series With Charging Unit PN130 k-65			
...-10mm	±1°							
10-50mm	±30'	Approval						
50-120mm	±20'	Scale	Prod. Name: Refrigerant Ball Valves Block Ring Type					
120-400mm	±10'	1/1						
DWG. NO	M1							



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