

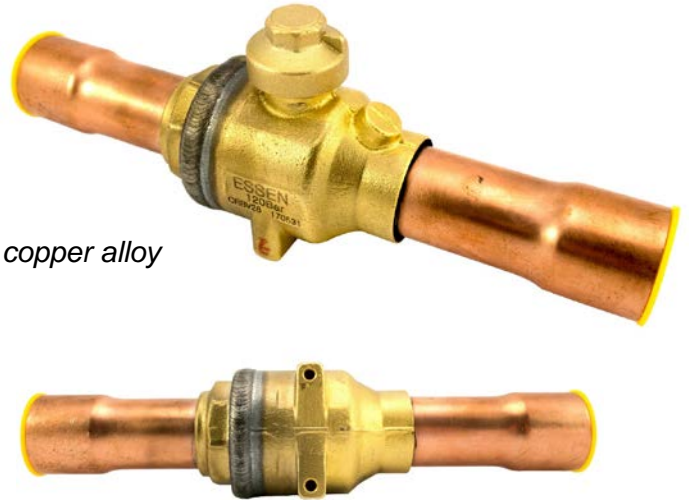
BALL VALVES - ESSEN

ESSEN

Transcritical R744 (CO2) Refrigeration Ball Valves

Ball Valve Features:

- Transcritical R744 (CO2) Applications
- Maximum Working Pressure: 120 bar (1740 psi)
- Special Elastomer suitable for R744 (CO2)
- K65 (CuFe2P) Copper Tail Connections
Note: K65 (CuFe2P) is a high strength modified copper alloy
- Full Flow Valve Porting
- Bi-Directional Application
- Connection Sizes: 1/4" to 1-5/8"
- Service Temperature: -40°C to +150°C



EsSEN R744 (CO2) Transcritical Ball Valves

Airefrig Part Number	Connection Size Solder (inch)	Port Size (inch)	Dimensions (mm)			Kv (m3/h)	PED (Pressure Equipment Directive)
			L	H	C		
CRBV06	1/4"	1/2"	165	54.4	16	5.26	Art3.3
CRBV10	3/8"	1/2"	165	54.4	16	5.26	
CRBV12	1/2"	1/2"	165	54.4	16	8.54	
CRBV16	5/8"	1/2"	165	54.4	16	12.21	
CRBV18	3/4"	3/4"	184	66.9	21	20.32	
CRBV22	7/8"	3/4"	184	66.9	21	27.98	
CRBV28	1-1/8"	1"	216	75.7	25.5	49.47	Class 1
CRBV35	1-3/8"	1 1/4"	235	94	31	78.75	
CRBV42	1-5/8"	1 1/2"	254	109	39	117.64	

