

Suction accumulators and ball valves

Suction accumulators

Features

- Hermetic design
- ODF Copper fittings for easy brazing
- Corrosion-resistant epoxy powder coating
- Internal orifice with strainer for optimum oil return
- Temperature range TS: -45°C...+65°C
- Max. allowable pressure PS:
20.7 bar (-10°C...+65°C)
15.5 bar (-45°C...-10°C)
- **CE** marking for certain types according PED
- UL/CUL file number: SA 34115
- **UL** **US LISTED** pending



A08

Type code

A XX - X XX	
Product Line	ODF Connection
Suction Accumulators	04: 1/2"
Nominal Shell Length (~inch)	05: 5/8" (16 mm)
06 11 17 08	07: 7/8" (22 mm)
12 20 09 13	09: 1-1/8"
25 10 14	11: 1-3/8" (35 mm)
Nominal Shell Diameter	13: 1-5/8"
4: approx. 10 cm	6: approx. 15 cm
5: approx. 13 cm	7: approx. 15 cm



Selection table

Type	Part No.	Connection		Nominal Capacity (kW)																Conformity Assessment		Volume (l)*
				R407C		R134a		R404A / R507		R450A		R513A		R448A / R449A		R410A		R1234ze				
		mm	Inch	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Category	Procedure	
A08-304	001973		1/2"	7.0	1.1	4.2	0.6	4.6	0.7	4.1	0.6	3.7	0.6	7.2	1.1	8.6	1.3	3.5	0.5	CE Marking Not Required Cat. I / Mod. A		0.73
A10-305	001977	16	5/8"	10.5	1.6	6.0	0.9	7.0	1.1	5.8	0.9	5.2	0.8	10.8	1.6	12.9	1.9	5.0	0.8			0.93
A06-405	001989	16	5/8"	10.5	1.6	6.0	0.9	7.0	1.1	5.8	0.9	5.2	0.8	10.8	1.6	12.9	1.9	5.0	0.8			0.93
A12-305	001978	16	5/8"	10.5	1.6	6.0	0.9	7.0	1.1	5.8	0.9	5.2	0.8	10.8	1.6	12.9	1.9	5.0	0.8			1.16
A12-306	001979		3/4"	14.0	2.1	8.1	1.2	9.1	1.4	7.8	1.2	7.1	1.1	14.4	2.2	17.1	2.6	6.7	1.0			1.16
A14-305	001980	16	5/8"	10.5	1.6	6.0	0.9	7.0	1.1	5.8	0.9	5.2	0.8	10.8	1.6	12.9	1.9	5.0	0.8			1.40
A14-306	001987		3/4"	14.0	2.1	8.1	1.2	9.1	1.4	7.8	1.2	7.1	1.1	14.4	2.2	17.1	2.6	6.7	1.0			1.40
A10-405	001990	16	5/8"	10.5	1.6	6.0	0.9	7.0	1.1	5.8	0.9	5.2	0.8	10.8	1.6	12.9	1.9	5.0	0.8			1.75
A10-406	001994		3/4"	14.0	2.1	8.1	1.2	9.1	1.4	7.8	1.2	7.1	1.1	14.4	2.2	17.1	2.6	6.7	1.0		1.75	
A09-506	881995		3/4"	14.0	2.1	8.1	1.2	9.1	1.4	7.8	1.2	7.1	1.1	14.4	2.2	17.1	2.6	6.7	1.0	Cat. I Mod. D1		2.33
A09-507	882455	22	7/8"	25.6	3.8	14.0	2.1	16.1	2.4	13.6	2.0	12.3	1.8	26.3	3.9	31.3	4.7	11.7	1.8			2.33
A12-506	881996		3/4"	14.0	2.1	8.1	1.2	9.1	1.4	7.8	1.2	7.1	1.1	14.4	2.2	17.1	2.6	6.7	1.0			3.29
A12-507	881998	22	7/8"	25.6	3.8	14.0	2.1	16.1	2.4	13.6	2.0	12.3	1.8	26.3	3.9	31.3	4.7	11.7	1.8			3.29
A13-507	882007	22	7/8"	25.6	3.8	14.0	2.1	16.1	2.4	13.6	2.0	12.3	1.8	26.3	3.9	31.3	4.7	11.7	1.8			3.80
A13-509	882011		1-1/8"	41.4	6.2	25.3	3.8	26.7	4.0	24.5	3.7	22.2	3.3	42.5	6.4	50.6	7.6	21.0	3.2			3.80
A17-509	882012		1-1/8"	41.4	6.2	25.3	3.8	26.7	4.0	24.5	3.7	22.3	3.3	42.5	6.4	50.6	7.6	21.0	3.2			4.87
A17-511	882013	35	1-3/8"	66.0	9.9	37.6	5.6	42.8	6.4	36.4	5.5	33.3	5.0	67.6	10.1	80.6	12.1	31.3	4.7			4.87
A11-607	882014	22	7/8"	25.6	3.8	14.0	2.1	16.1	2.4	13.6	2.0	12.3	1.8	26.3	3.9	31.3	4.7	11.7	1.8			4.30
A13-607	882015	22	7/8"	25.6	3.8	14.0	2.1	16.1	2.4	13.6	2.0	12.3	1.8	26.3	3.9	31.3	4.7	11.7	1.8			4.98
A13-609	882019		1-1/8"	41.4	6.2	25.3	3.8	26.7	4.0	24.5	3.7	22.2	3.3	42.5	6.4	50.6	7.6	21.0	3.2			4.98
A14-611	882020	35	1-3/8"	66.0	9.9	37.6	5.6	42.8	6.4	36.4	5.5	33.3	5.0	67.6	10.1	80.6	12.1	31.3	4.7			5.48
A17-613	882022		1-5/8"	100.0	15.0	59.7	9.0	63.9	9.6	57.8	8.7	52.4	7.9	102.5	15.4	122.2	18.3	49.7	7.5			6.85
A17-642	889023	42		100.0	15.0	59.7	9.0	63.9	9.6	57.8	8.7	52.4	7.9	102.5	15.4	122.2	18.3	49.7	7.5			6.85
A20-613	882021		1-5/8"	100.0	15.0	59.7	9.0	63.9	9.6	57.8	8.7	52.4	7.9	102.5	15.4	122.2	18.3	49.7	7.5			8.21
A25-613	882023		1-5/8"	100.0	15.0	59.7	9.0	63.9	9.6	57.8	8.7	52.4	7.9	102.5	15.4	122.2	18.3	49.7	7.5		Cat II	Mod. D1

Note 1: For selection of other operating conditions, please use Copeland Select software.
 Note 2: *) Functional volume