

1971 300SEL , W109 3.5 AC flare fittings and hose sizes, copper washers

Rotalock assembly

size from to hose length (rubber length)					copper cone 1mm thick 45 degrees, annealed			
					XS 5/10mm	Small 8.5/ 14mm	Medium 10/17mm	Large 12.5/ 20mm
(D1= OD of male flare, 45 degrees)						#6 (5/8" x 18) D1 = 13.5 -0.2	#8 (3/4" x 16) D1= 16.5-0.2	#10 (7/8" x14) D1= 19.5 -0.2
Hose 1	#8	compressor	Rotalock 1	42.5 cm			2	
Hose 2	#8	Rotalock 1	condenser	30 cm			1	1
direct conn.	#8	condenser	drier				1	
Hose 3	#6	drier	evaporator	150 cm		1	1	
Hose 4	#10	evaporator	Rota 2	120 cm				2
Hose 5	#10	Rotalock 2	compressor	27 cm				2
evaporator		exp valve: 3 connections inside evaporator			1	1	1	

number of cone seal washers 45 degrees

1	2	6	5
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MB number ? 000-835-65-98 000-835-66-98 000-835-67-98

Rotalock assembly				
		ID	OD	thickness
2 flat washers	copper/brass	17.3mm	21.0mm	1.3mm