

2-Way Solenoid Valves Series 540

Normally Closed

Features

- Compact size
- No disassembly necessary for soldering



540 RA

Accessories

- Actuation coil and cable assemblies available for various voltages, see 'Coils ESC and Cable Assemblies'

Capacity Data

Type	Nominal Capacity Q_n (kW)												Kv-Value m^3/h	Δp Min Bar
	Liquid				Hot Gas				Suction Gas					
	R134a	R22	R404A R507	R407C	R134a	R22	R404A R507	R407C	R134a	R22	R507	R407C		
540 RA 8	36.3	39.3	25.2	37.3	16.7	20.5	17.4	21.4	4.2	5.6	4.6	5.2	2.3	0.05
540 RA 9	76.2	82.5	52.9	78.4	35.1	43.1	36.5	44.9	8.8	11.7	9.7	10.9	4.8	0.05
540 RA 12	85.7	92.8	59.5	88.1	39.4	48.4	41.1	50.5	9.9	13.1	10.9	12.3	5.4	0.05
540 RA 16	139.1	150.5	96.5	142.9	64.0	78.5	66.6	81.9	16.0	21.3	17.7	19.9	8.8	0.05
540 RA 20	202.6	219.3	140.7	208.3	93.2	114.4	97.1	119.3	23.3	31.0	25.7	29.0	12.8	0.05

Nominal Capacities at +38°C Condensing Temperature. +4°C Evaporating Temperature. 0.15 Bar Pressure Drop Between Valve inlet and Outlet in Liquid Applications (For Hot Gas Applications 1 Bar Pressure Drop and +18 °C Suction Gas Temperature); Subcooling 1 K. Correction Tables for Other Operating Conditions See Correction Tables for 110 RB, 20 RB, 240 RA and 540 RA.

Note: See "Controls Navigator" for selection

Selection Guide

Type		Part No.	Connection Solder / ODF	
			mm	Inch
540 RA 8	T5	046 265		5/8
540 RA 9	T5	046 266		5/8
	T7	046 268	22	7/8
540 RA 12	T7	046 269	22	7/8
540 RA 16	T9	046 270		1-1/8
540 RA 20	T11	047 953	35	1-3/8

Options:

- Actuation coils available for various voltages, see 'Coils ESC and Cable Assemblies'

Accessories and Spare Parts for Solenoid Valves

Gasket Kits

Description	Type	Part No.
110RB	KS 30040-2	801 232
200RB/200RH	KS 30039-1	801 233
240RA8	KS 30061-1	801 234
240RA9/12	KS 30062-1	801 235
240RA16	KS 30065-1	801 236
240RA20	KS 30097-1	801 237

Description	Type	Part No.
Service tool for 110 RB, 240 RA, 540 RA	X 11981 - 1	027 451

Repair Kits

Description	Type	Part No.
110RB	KS 30040-1	801 206
200RB	KS 30039/ KS 30109	801 205
240RA8	KS 30061	801 262
240RA9	KS 30062	801 263
240RA12	KS 30063	801 264
240RA16	KS 30065	801 200
240RA20	KS 30097	801 216