



Cross Reference
ELECTRONIC EXPANSION VALVES - T/S SERIES

Note: Sanhua declines all the responsibilities for a wrong product choice based on this table

CAREL											SANHUA													
Name	Kv [m ³ /h]	IN [inch]	OUT [inch]	IN [mm]	OUT [mm]	Capacity [kW]				Range	Name	Part Number	Kv [m ³ /h]	Orifice [mm]	IN [inch]	OUT [inch]	IN [mm]	OUT [mm]	Capacity [kW]				Range	
						R22	R134a	R404A	R407C										R22	R134a	R404A	R407C		
E2V05 BRB0	0,012	3/8	1/2	-	-	1,5	1,15	1,06	1,55	from -40°C to +65°C	DPF(T01)1.3C-07	DPF-09001	0,05	1,3	1/4	1/4	6,35	6,35	3,5	2,7	2,5	3,5	from -30°C to +70°C	
E2V09 BRB0	0,023	3/8	1/2	-	-	2,6	2,0	1,9	2,7	from -40°C to +65°C	DPF(T01)1.65C-05	DPF-09002	0,08	1,65	1/4	1/4	6,35	6,35	5,3	4,1	3,7	5,3	from -30°C to +70°C	
E2V11 BRB0	0,042	3/8	1/2	-	-	4,5	3,4	3,1	4,6	from -40°C to +65°C	DPF(T01)1.8C-08	DPF-09003	0,10	1,8	1/4	1/4	6,35	6,35	7,0	5,4	4,9	7,0	from -30°C to +70°C	
E2V14 BRB0	0,065	3/8	1/2	-	-	6,8	5,3	4,9	7,0	from -40°C to +65°C	DPF(T01)2.0C-03	DPF-09004	0,16	2,0	1/4	1/4	6,35	6,35	8,8	6,7	6,1	8,8	from -30°C to +70°C	
E2V18 BRB0	0,091	3/8	1/2	-	-	9,9	7,6	7,0	10,2	from -40°C to +65°C	DPF(T01)2.2C-01	DPF-09005	0,20	2,2	1/4	1/4	6,35	6,35	10,5	8,1	7,4	10,5	from -30°C to +70°C	
E2V24 BRB0	0,181	3/8	1/2	-	-	18,6	14,9	13,8	20,0	from -40°C to +65°C	DPF(T01)2.4C-01	DPF-09006	0,23	2,4	1/4	1/4	6,35	6,35	17,5	13,5	12,3	17,5	from -30°C to +70°C	
E2V30 BRB0	0,270	3/8	1/2	-	-	31,2	24,0	22,2	32,0	from -40°C to +65°C	DPF(TS1)3.0C-01	DPF-09007	0,39	3,0	5/16	5/16	7,94	7,94	21,0	16,2	14,7	21,0	from -30°C to +70°C	
E2V35 BSF0	0,364	-	-	12	12	39,0	30,5	28,2	40,0	from -40°C to +65°C	DPF(TS1)3.2C-01	DPF-09008	0,43	3,2	5/16	5/16	7,94	7,94	28,0	21,6	19,6	28,0	from -30°C to +70°C	
E3V45 ASS00	0,635	-	-	22	28	69,0	53,0	49,0	71,0	from -35°C to +65°C	DPF(S03)4.0C-01	DPF-09010	0,50	4,0	5/8	5/8	15,88	15,88	42,0	32,3	29,4	42,0	from -30°C to +70°C	
E3V55 ASS00	0,915	-	-	22	28	100,0	76,0	70,3	102,0	from -35°C to +65°C	DPF(S03)4.5C-01	DPF-09011	0,7	4,5	5/8	5/8	15,88	15,88	52,5	40,4	36,8	52,5	from -30°C to +70°C	
E4V55 ASS00	0,915	-	-	22	28	100,0	76,0	70,3	102,0	from -20°C to +65°C	DPF(S03)5.5C-01	DPF-09012	0,9	5,5	5/8	5/8	15,88	15,88	70,0	53,9	49,0	70,0	from -30°C to +70°C	
E3V65 ASS00	1,292	-	-	22	28	140,0	107,0	99,0	143,0	from -35°C to +65°C	DPF(S03)6.5C-01	DPF-09013	1,1	6,5	5/8	5/8	15,88	15,88	105,0	80,9	73,5	105,0	from -30°C to +70°C	
E4V65 ASS00	1,292	-	-	22	28	140,0	107,0	99,0	143,0	from -20°C to +65°C														
E4V85 AST00	1,791	-	-	28	35	195,0	149,0	137,8	200,0	from -20°C to +65°C														
E4V95 AST00	2,490	-	-	28	35	270,0	208,0	192,4	280,0	from -20°C to +65°C														
E5VA5 AST00	-	-	-	35	35	630,0	475,0	450,0	640,0	from -20°C to +65°C														
E6VB2 ASV00	-	-	-	42	42	1060,0	811,5	755,0	1080,0	from -20°C to +65°C														
E7VC1 ASZ00	-	-	-	54	54	2200,0	1662,0	1560,0	2240,0	from -20°C to +65°C														

NOTE:
Refrigerant: Multiple
Protection Class: IP 66
Output Connections: Solder
Orifice size: Not Available
Design Pressure (PS): 45 bar
Part Number: Not Available

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Protection Class: IP 66
Output Connections: Solder
Design Pressure (PS): 45 bar