



### 034L0144

Regulating range 0.2 - 6.0 bar,  
factory setting 2 bar, max.  
working pressure 28 bar.Max.  
test pressure 31 bar. Maximum  
P band 2.0 bar.

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Characteristic	Value
Type	KVC 22
Weight	0.367 Kg
Access port	No
Approval	C UL US LISTED, EAC
Approval file name	REFRIGERANT VALVE 53R0
Cv value [gal/min]	2,140 gpm US
EAN number	5702428411479
Factory setting [bar]	2,00 bar
Factory setting [psig]	29,0 psig
Inlet connection type	SOLDER, ODF
Inlet size [in]	7/8 in
Inlet size [mm]	22,00 mm
Kv value [m <sup>3</sup> /h]	1,850 m <sup>3</sup> /h
Max. test pressure [bar]	31,0 bar
Max. test pressure [psig]	450 Psig
Max. Working Pressure [bar]	28,0 bar
Max. Working Pressure [psig]	406 psig
Medium temperature range [°C]	-45 - 105 °C
Medium temperature range [°F]	-50 - 220 °F
Outlet connection type	SOLDER, ODF
Outlet size [in]	7/8 in
Outlet size [mm]	22,00 mm
P band max. [bar]	2,0 bar
P band max. [psi]	29,0 psi
Pack format	Multi pack
Product description	Capacity Regulator
Product Group	Press. and temp. regul. valves
Product name	Hot gas bypass regulator
Quantity per pack format	12 pc
Rated capacity R134a [kW]	12,00 kW
Rated capacity R134a [TR]	3,41 TR
Rated capacity R22 [kW]	19,10 kW
Rated capacity R22 [TR]	5,35 TR
Rated capacity R404A/R507 [kW]	17,40 kW
Rated capacity R404A/R507 [TR]	5,04 TR
Rated capacity R407C [kW]	21,00 kW
Rated capacity R407C [TR]	5,78 TR
Refrigerant(s)	HCFC/HFC/HC
Regulation range [bar]	0,2 - 6,0 bar
Regulation range [psig] Pe	3,00 - 87,00 psig