

MANUALLY OPERATED EXPANSION VALVES / Type HEX



Type HEX-B

Capacity Table⇒



URL : http://saginomiya.co.jp/en/auto/pdf/hex_capacity.pdf

FEATURES

- Widely available for bypass circuit configuration.
- Opening and closing the valve with a manual handle.
- Equipped with a strainer in inlet.

APPLICATIONS

- Brine coolers
- Refrigerations
- Freezers, etc.

COMMON SPECIFICATIONS

- Internal equalizer type
- Max. working pressure : 1.4 MPa
- Ambient temperature : 80°C
- Flare connection

DESCRIPTION OF CATALOG NUMBER

HEX - 23 3 3 B U Z
I II III IV V VI VII

I	Type
II	Inlet pipe size
III	Outlet pipe size
IV	Capacity
V	Connection
VI	Refrigerant
VII	Temperature class

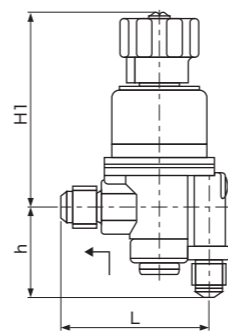
Temperature class	Refrigerant	Evaporating Temp. (°C)
Standard	R134a	-30 to 10
	R404A	-40 to 10
	R407C	-40 to 10
Extreme Low Temperature	R23	-100 to -70
	R404A	-70 to 10

TYPE NUMBER SELECTION

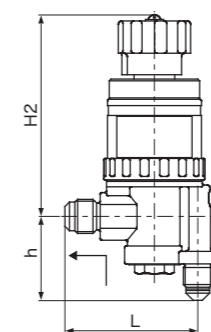
Type	Catalog No.			Equalizer Type	Capacity (U.S.R.T.) {kW}				Connection		Wt. (kg)	
	Model	Refrigerant	Temperature class		CT 38°C / ET -5°C				Inlet	Outlet		
					R23	R134a	R404A	R407C				
HEX	2333B	M (R134a) C (R23, others) U (R404A) P (R407C)	— (Standard) Z (Extreme Low Temperature)	Internal	Production possible		0.36 {1.27}	0.34 {1.20}	0.51 {1.81}	1/4" (3/8") Flare	3/8" Flare	0.7
	2335B						0.72 {2.53}	0.68 {2.39}	0.98 {3.44}			
	2345B						1.10 {3.87}	1.05 {3.69}	1.44 {5.07}			
	2348B						1.50 {5.28}	1.40 {4.92}	1.96 {6.88}			
	2341B						2.60 {9.14}	2.50 {8.79}	3.81 {13.4}	3/8" (1/4") Flare	1/2" Flare	0.85
	2342B											
	2344B						4.41 {15.5}	4.21 {14.8}	6.17 {21.7}	1/2" Flare	5/8" Flare	1.25
	3454B											
	4564B											
	4566B						7.20 {25.3}	6.00 {21.1}	9.90 {34.8}	5/8" (1/2") Flare	3/4" Flare	1.4
4568B	9.58 {33.7}	8.39 {29.5}	13.2 {46.4}									

- If the pressure and temperature meet the specified conditions, each fluorocarbon-based refrigerant can be used with each other.
- If you need connection sizes in (), please specify first.

DIMENSIONS



Type HEX



Type HEX-Z

Catalog No.		Unit : mm					
Type	Model	L	H1	H2	h		
HEX	2333B	70.5	92	112	47 (46)		
	2335B						
	2345B	73.5				46 (47)	
	2348B						
	2341B	81			48 (49)		
	2342B						
	2344B	84.5			93	113	52
	4564B	90.5			95	115	56.5 (55.5)
	4566B						
	4568B						

- Values in () are the dimensions in the case of connection size () in TYPE NUMBER SELECTION.