

THERMOSTATIC EXPANSION VALVES / Type AEX



AEX-2333BU



AEX-2333BUZ

Capacity Table⇒



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

FEATURES

- High performance over a wide range of evaporation temperature.
- The AEX-Z type adopts a bellow seal mechanism and performs stable control even at extremely low temperature.
- Equipped with a strainer in inlet.

COMMON SPECIFICATIONS

- Internal equalizer type
- Max. working pressure : 1.4 MPa
- Max. body and sensing bulb temperature : 80°C
- Adjustable range of static superheat : 0 to 20°C
 - Increase about 0.05 MPa / rotation
- Flare connection

Charge	Temperature class	Evaporating Temp. (°C)	MOP (°C)	Temp. Condition
G	R134a	Standard	-30 to 10	Ts > Tb
	R404A			
	R23	Extreme Low Temperature	-100 to -70	
	R404A		-70 to 10	

Ts : Power Element Temp. , Tb : Sensing Bulb Temp.

APPLICATIONS

- Refrigerators
- Freezers
- Refrigeration equipments for Ships
- Chillers, etc.

DESCRIPTION OF CATALOG NUMBER

AEX - 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

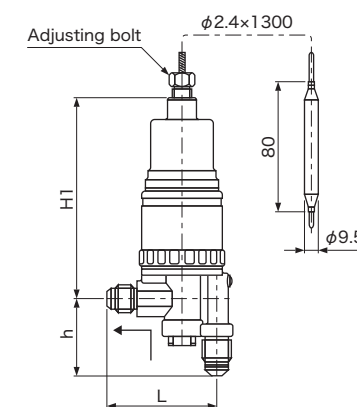
TYPE NUMBER SELECTION

Catalog No.		* 1 Refrigerant	Temperature class	Equalizer Type	Capacity (U.S.R.T.) [kW]			* 2 Connection		Factory superheat setting (°C)	Wt. (kg)					
Type	Model				CT 38°C ET -5°C	CT -40°C ET -80°C	Inlet	Outlet	R134a			R404A	R23			
AEX	2333B	M (R134a) C (R23, others) U (R404A)	— (Standard) Z (Extreme Low Temperature)	Internal						5	0.95					
	2335B											0.36 {1.27}	0.34 {1.20}	0.19 {0.68}	1/4" (3/8") Flare	3/8" Flare
	2345B											0.72 {2.53}	0.68 {2.39}	0.39 {1.36}		
	2348B											1.10 {3.87}	1.05 {3.69}	0.60 {2.10}		
	2341B											1.50 {5.28}	1.40 {4.92}	0.89 {3.13}	1/2" Flare	1.15
	2342B											2.60 {9.14}	2.50 {8.79}	1.53 {5.37}		
	2344B											4.41 {15.5}	4.21 {14.8}	2.61 {9.16}	1/2" Flare	5/8" Flare
	3454B											7.20 {25.3}	6.00 {21.1}	3.58 {12.6}		
	4564B											9.58 {33.7}	8.39 {29.5}	4.75 {16.7}	5/8" (1/2") Flare	3/4" Flare
	4566B															
4568B						1.30	1.55									

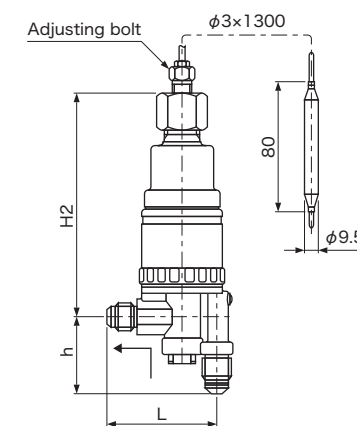
* 1 For other refrigerant, please contact SAGINOMIYA.

* 2 If you need connection sizes in (), please specify first.

DIMENSIONS



Type AEX



Type AEX-Z

Unit : mm

Catalog No.		Unit : mm					
Type	Model	L	H1	H2	h		
AEX	2333B	70.5	132	156	47 (46)		
	2335B						
	2345B						
	2348B	73.5			46 (47)		
	2341B						
	2342B	81			48 (49)		
	2344B						
	3454B	84.5			135	159	52
	4564B	90.5			136	160	56.5 (55.5)
	4566B						
4568B							

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