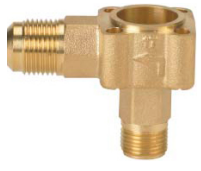
Table 28: Valve body for expansion valves

Type	Connection Inlet × Outlet		Connections / Flow direction	Connection type [5]	Code no.
	[in]	[mm]			
TE 5	1/2 × 5/8	12 × 16	Flare angleway	–	067B4013
	1/2 × 5/8	–	Solder angleway	ODF ´ ODF	067B4009
	1/2 × 7/8	–	Solder angleway	ODF ´ ODF	067B4010
	5/8 × 7/8	–	Solder angleway	ODF ´ ODF	067B4011
	7/8 × 1 1/8	–	Solder angleway	ODF ´ ODM	067B4034
	1/2 × 5/8	–	Solder straightway	ODF ´ ODF	067B4007
	1/2 × 7/8	–	Solder straightway	ODF ´ ODF	067B4008
	5/8 × 7/8	–	Solder straightway	ODF ´ ODF	067B4032
	7/8 × 1 1/8	–	Solder straightway	ODF ´ ODM	067B4033
	–	12 × 16	Solder angleway	ODF ´ ODF	067B4004
	–	12 × 22	Solder angleway	ODF ´ ODF	067B4005
	–	16 × 22	Solder angleway	ODF ´ ODF	067B4012
	–	22 × 28	Solder angleway	ODF ´ ODM	067B4037
	–	12 × 16	Solder straightway	ODF ´ ODF	067B4002
	–	12 × 22	Solder straightway	ODF ´ ODF	067B4003
	–	16 × 22	Solder straightway	ODF ´ ODF	067B4035
	–	22 × 28	Solder straightway	ODF ´ ODM	067B4036
TE 12	5/8 × 7/8	–	Solder angleway	ODF ´ ODF	067B4022
	7/8 × 1 1/8	–	Solder angleway	ODF ´ ODM	067B4023
	5/8 × 7/8	–	Solder straightway	ODF ´ ODF	067B4020
	7/8 × 1 1/8	–	Solder straightway	ODF ´ ODM	067B4021
	–	22 × 28	Solder angleway	ODF ´ ODM	067B4017
	–	16 × 22	Solder straightway	ODF ´ ODF	067B4018
	–	22 × 28	Solder straightway	ODF ´ ODM	067B4016
TE 12	5/8 × 7/8	–	Solder flanges	ODF ´ ODF	067B4025
	7/8 × 1	–	Solder flanges	ODF ´ ODF	067B4026
	–	16 × 22	Solder flanges	ODF ´ ODF	067B4027
	–	22 × 25	Solder flanges	ODF ´ ODF	067B4015
TE 20	7/8 × 1 1/8	–	Solder angleway	ODF ´ ODM	067B4023
	–	22 × 28	Solder angleway	ODF ´ ODM	067B4017
	7/8 × 1 1/8	–	Solder straightway	ODF ´ ODM	067B4021
	–	22 × 28	Solder straightway	ODF ´ ODM	067B4016
TE 55	1 1/8 × 1 3/8	–	Solder angleway	ODM ´ ODM	067G4004
	–	28 × 35	Solder angleway	ODM ´ ODM	067G4002
	1 1/8 × 1 3/8	–	Solder straightway	ODM ´ ODM	067G4003
	–	28 × 35	Solder straightway	ODM ´ ODM	067G4001

[5] ODF = Internal diameter ODM = External diameter

Table 29: Valve body for expansion valves

Flare angleway	Solder straightway	Solder straightway	Flanges	Solder angleway
				

Valve selection based on capacity calculation

As for extended capacity calculations and valve selection based on capacities and refrigerants, please refer to Coolselector®2. Rated and extended capacities are calculated with the Coolselector®2 calculation engine to ARI standards with the ASEREP equations based on laboratory measurements of selected valves.