Transfer Valves Specification List

- Actuator Types and Sizes differ depending on Port Size.
- Actuator Types and Sizes differ depending on required Sealing Performance
- Heat application is available with different specifications
- Anti-corrosive application is available. Vacuum component such as bellows, surface coating and seal material (elastomer types) needs to be reviewed depending on fluid types.
- Please list if valve thickness (length between chambers) is limited.
- Transfer Valve Specification List

Item		Specification
Port Size		Height(mm) × Width(mm)
Operating Pressure		Pa～ Pa
Gate Seal Performance		☐ Door (Atm-Vac) ☐ Equal Pressure (Vac-Vac ☐Counter Pressure (Vac-Atm)
Helium Leak Rate	Body	☐ 4.0×10-^11[Pa・m^3/s](Standard) ☐ Other( )
	Gate	☐ 9.0×10-^9[Pa・m^3/s](Standard) ☐ Other( )
Body Requirement		☐ No ☐ Yes
Connection Requirement		☐No (Standard) ☐ SEMI ☐ Other( )
Operating Temperature	Gate	☐ 90℃(Standard) ☐ 120℃ ☐ 150℃ ☐ Other( )
	Actuator	☐ 60℃(Standard) ☐ 90℃ ☐ 120℃ ☐ Other( )
Fluid		☐ Non-Corrosive ☐ Corrosive
Requirement of Sealing Material	Body	☐ Not specified Specified *Please list if specified( )
	Gate	☐ Not specified Specified *Please list if specified( )
Requirement of Material	Body	☐ SUS ☐ Aluminum ☐ ( )
	Gate	☐ SUS ☐ Aluminum ☐ ( )
	Bellows	☐ AM350(Standard) ☐ Other( )
	Other	( )
Surface Treatment		☐ Required ☐ Not Required *Please specify if required( )
Heat Application Requirement	Body	☐ No ☐ Yes *Please specify temperature if required(℃)
	Gate	☐ No ☐ Yes *Please specify temperature if required(℃)
Water Cooling Requirement	Body	☐ No ☐ Yes
	Gate	☐ No ☐ Yes
Thickness Requirement		☐ No ☐ Yes *Please specify thickness (length b/w chambers) (mm)
Open-Close Time Req't		☐ No ☐ Yes *Please specify time if required (s)
Installation Orientation		☐ Actuator Bottom (Standa ☐ Actuator Up ☐ Vertical (Actuator Side)
Operation Pressure		☐ 0.5MPa(Standard) ☐ Other *Please specify (MPa)
Close-Lock requirement		☐ No ☐ Yes *Maintain Close mode
Open-Close Sensor		☐ Reed Switch (Standard) ☐ Other Specify model or type if specified ( )
Note (Supplement, Special Request etc.)		