Actuation		Model	Bore shape	Working fluid	
Double acting	Air operated	2-port valve (CHB)	Standard bore	Water/air/oil (500 mm^2/s or less)	
		2-port valve (CHBF)	Full bore		
		3-port valve (CHG)	Standard bore		
		2-port valve (CSB)	Standard bore	Steam/water	
		2-port valve (CSBF)	Full bore		
	With solenoid valve	2-port valve (CHB-V)	Standard bore	Water/air/oil (500 mm^2/s or less)	
		2-port valve (CHBF-V)	Full bore		
		3-port valve (CHG-V)	Standard bore		
Single acting (Spring return)	Air operated	2-port valve (CHB-R)	Standard bore	Water/air/oil (500 mm^2/s or less)	
		2-port valve (CHBF-R)	Full bore		
		3-port valve (CHG-R)	Standard bore		
		2-port valve (CSB-R)	Standard bore	Steam/water	
		2-port valve (CSBF-R)	Full bore		
	With solenoid valve	2-port valve (CHB-X)	Standard bore	Water/air/oil (500 mm^2/s or less)	
		2-port valve (CHBF-X)	Full bore		
		3-port valve (CHG-X)	Standard bore		

Note: For details on differences by bore shape, refer to the orifice size and dimensions on each page.

EXA
FWD
HNB/G
USB/G
FAB/G
FGB/G
FVB
FWB/G
FHB
FLB
AB
AG
AP/AD
APK/ADK
DryAir
EX-XPLNprf
XPLNprf
HVB/HVL
S⬦B/NAB
LAD/NAD
Water-Rela
NP/NAP/NVP
SNP
CHB/G
MXB/G
Other valves
SWD/MWD
DustColl
CVE/CVSE
CCH/CPE/D
LifeSci
Gas-Combus
Auto-Water
Outdoor
SpecFld
Custom
Ending

Body material		Port size (upper: nominal, lower: bore size)							Page
Bronze	Stainless steel	10A	15A	20A	25A	32A	40A	50A	
		3/8	1/2	3/4	1	1¼	1½	2	
●	●	●*	●	●	●	●	●	●	706
●	●		●	●	●	●	●		706
●	●		●	●	●	●	●	●	712
●	●	●*	●	●	●	●	●	●	732
●			●	●	●	●	●		732
●	●	●*	●	●	●	●	●	●	718
●	●		●	●	●	●	●		718
●	●		●	●	●	●	●	●	724
●	●	●*	●	●	●	●	●	●	706
●	●		●	●	●	●	●		706
●	●		●	●	●	●	●	●	712
●	●	●*	●	●	●	●			732
●			●	●	●				732
●	●	●*	●	●	●	●	●	●	718
●	●		●	●	●	●	●		718
●	●		●	●	●	●	●	●	724

Models with * are standard bore but have full bore structure.