+GF+ Manual Valves

Ball Valves

	Type 546 Industrial Ball Valve	Type 375 Midrange Ball Valve	Type 355 COLORO Economy Ball Valve	Type 523 Metering Ball Valve	Type 543 3-Way Ball Valve
Material	PVC, CPVC, PP, PVDF, ABS	PVC, CPVC, PPn	PVC	PVC, CPVC, PP, PVDF (ABS, on request)	PVC, CPVC, PP, PVDF, ABS
Seal Material	EPDM, FPM	EPDM, FPM	EPDM	EPDM, FPM	EPDM, FPM
Size Range	⅜"–4"	½"–6"	½"–2"	⅜", ½"	⅜"–2"

Diaphragm Valves

	Type 514 Union Diaphragm Valve	Type 515 Spigot Diaphragm Valve	Type 517 Flanged Diaphragm Valve	Type 317 Flanged Diaphragm Valve	Type 519 Zero Static Diaphragm Valve
Material	PVC, CPVC, PP, PVDF, ABS	PP, PPn, PVDF, ABS	PVC, CPVC, PP, PP-n, PVDF	PVC, CPVC, PP, PVDF	PP, PPn, PVDF
Seal Material	EPDM, FPM, PTFE	EPDM, FPM, PTFE	EPDM, FPM, PTFE	EPDM, FPM, PTFE	EPDM, FPM, PTFE
Size Range	½"–2"	½"–2"	½"–2"	2½"–6"	d20×d20–d100×d63

Butterfly Valves

	Type 038/039 Metallic Butterfly Valve	Type 578 Butterfly Valve	Type 365 High Purity Butterfly Valve	Type 563 Aqua Butterfly Valve	Type 567 Butterfly Valve
Material	Ductile Iron	PVC, CPVC, PP, PVDF, ABS	Coated ductile iron	PVC	PVC, CPVC, PP, PVDF, ABS
Seal Material	EPDM, FPM	EPDM, FPM, PTFE	PTFE/PFA	EPDM	EPDM, FPM, PTFE
Size Range	14"–24"	2"–12"	2"–12"	2"–12"	2"–24"

Check and Angle Seat Valves

	Type 591/595 Vent and Vacuum Breaker Valve	Type 304 Y-Check Valve	Type 561/562 Cone Check Valve	Type 369 Wafer Check Valve	Type 306 Line Strainer
Material	PVC, CPVC, PP, PVDF, ABS	PVC (transparent)	PVC, CPVC, PP, PVDF, ABS	PVC (PP & PVDF optional)	PVC (transparent)
Seal Material	EPDM, FPM	EPDM, FPM	EPDM, FPM	EPDM, FPM	EPDM, FPM
Size Range	⅜"–4"	½"–3"	⅜"–4"	1½"–12"	½"–3"

+GF+ Actuated Valves

Ball Valves

	Type 179–184 Industrial Electric Ball Valve	Type 127 Midrange Electric Ball Valve	Type 104 Economy Electric Ball Valve	Type 231–233 Pneumatic Ball Valve
Actuator Type	EA25-EA120	EA15	EA04	PA11-PA45
Function	Open/Close Modulating	Open/Close	Open/Close	FC, FO, DA Modulating
Cycle Time	5sec./90°	5sec./90°	9sec./90°	1-2 sec.
Material	PVC, CPVC, PP, PVDF, ABS	PVC, CPVC, ABS	PVC, CPVC, ABS	PVC, CPVC, PP, PVDF, ABS
Seal Material	EPDM, FPM	EPDM, FPM	EPDM, FPM	EPDM, FPM
Size Range	⅜"–4"	⅜"–2"	⅜"–2"	⅜"– 4"

3-way Ball Valves

	3-way Ball Valve with Pneumatic Actuator Type 285–288	3-way Ball Valve with Electric Actuator Type 167–170	3-way Ball Valve with Electric Actuator Type 125–128	
Actuator Type	PA11/21	EA25	EA15	
Function	FC, FO, DA Modulating	On/Off, Modulating	On/Off	
Cycle Time	1-2 sec.	5sec./90°	5sec./90°	
Material	PVC, CPVC, PP, PVDF, ABS	PVC, CPVC, PP, PVDF, ABS	PVC	
Seal Material	EPDM, FPM	EPDM, FPM	EPDM, FPM	
Size Range	⅜"–2"	⅜"–2"	⅜"–2"	

Butterfly Valves

	Type 145 Electric Wafer Butterfly Valve	Type 147 Electric Lug Butterfly Valve	Type 240 Pneumatic Wafer Butterfly Valve	Type 244 Pneumatic Lug Butterfly Valve
Actuator Type	EA45/EA120/EA250	EA45/EA120/EA250	PA30-PA70	PA30-PA70
Function	Open/Close Modulating	Open/Close Modulating	FC, FO, DA Modulating	FC, FO, DA Modulating
Cycle Time	15-25 sec.	15-25 sec.	1-2 sec.	1-2 sec.
Material	PVC, CPVC, PP, PVDF, ABS	PVC, CPVC, PP, PVDF, ABS	PVC, CPVC, PP, PVDF, ABS	PVC, CPVC, PP, PVDF, ABS
Seal Material	EPDM, FPM, PTFE/FPM	EPDM, FPM, PTFE/FPM	EPDM, FPM, PTFE/FPM	EPDM, FPM, PTFE/FPM
Size Range	2"–24"	2"–12"	2"–24"	2"–12"

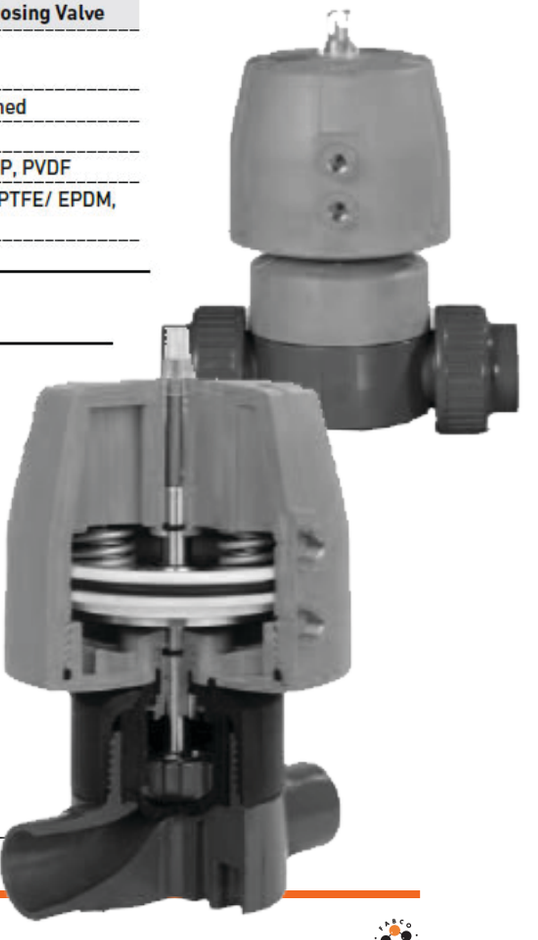
Diaphragm Valves

	DIASTAR Ten Pneumatic Diaphragm Valve	DIASTAR TenPlus Pneumatic Diaphragm Valve	DIASTAR Ten Pneumatically Actuated Zero Static Valve	DIASTAR TenPlus Pneumatically Actuated Zero Static Valve
Functions	FC, FO, DA Modulating	FC Modulating	FC Modulating	FC Modulating
Pressure Rating	150psi combined	150psi	150psi combined	150psi
Control Time	3 sec.	3 sec.	3 sec.	3 sec.
Material	PVC, CPVC, PP, PPn, PVDF, ABS	PVC, CPVC, PP, PVDF	PPn	PP, PVDF
Seal Material	EPDM, FPM, PTFE/ EPDM, PTFE/FPM	EPDM, FPM, PTFE/EPDM, PTFE/FPM	EPDM, PTFE/EPDM	EPDM, PTFE/EPDM, PTFE/FPM
Size Range	½"–2"	½"–2"	d20×d20–d63×d32	d20×d20–d110×d63

Diaphragm Valves

	DIASTAR Six Pneumatic Diaphragm Valve	DIASTAR 025 Pneumatic Diaphragm Valve	DIASTAR 604/605 Pneumatic Dosing Valve
Functions	FC	FC, FO, DA Modulating	FC, FO, DA
Pressure Rating	90psi combined	150psi	90psi combined
Control Time	3 sec.	3 sec.	<1 sec.
Material	PVC, CPVC, ABS	PVC, CPVC, PP, PVDF	PVC, CPVC, PP, PVDF
Seal Material	EPDM	EPDM, FPM, PTFE/ EPDM, PTFE/FPM	EPDM, FPM, PTFE/ EPDM, PTFE/FPM
Size Range	¾"–2"	2½"–6"	½"

PRVs

PRVs

	Type 582 Pressure Reducing Valve	Type 586 Pressure Retaining Valve
Material	PVC, CPVC, PP, PVDF	PVC, CPVC, PP, PVDF
Seal Material	PTFE with FPM or EPDM	PTFE with FPM or EPDM
Size Range	½"–2"	½"–2"