

A Type of Valve

Diaphragm Valve

611	Wier Bonnet - Polypropylene 3/8" - 1/2"	Manual
615	Wier Actuator - Polypropylene 3/8" - 1/2"	Pneumatic
618	Motorized Actuator - 3/8" to 1/2" - Polypro & Stainless	Motorized
620	Weir Metallic Actuator - 2.5" to 12"	Pneumatic
625	Weir Actuator - 3/8" to 1/2" - Polypro & Stainless	Pneumatic
653	Weir Bonnet - Stainless Steel with PPS Handwheel	Manual
654	Weir Bonnet - Stainless Steel with Stainless Steel Handwheel	Manual
657	Weir Bonnet - Ductile Iron - Lockable - High Flow	Manual
671	Wier Bonnet - Polypropylene	Manual
673	Weir Bonnet - Stainless Steel with Ultem Handwheel 3/4"-2"	Manual
674	Weir Valve - 1/2" MSS-SP88	Manual
675	Weir Bonnet - Ductile Iron - Lockable	Manual
687	Weir Actuator - .5" to 4" - Polypro & Stainless	Pneumatic
695	Weir Actuator - .5" to 4" - Polypro	Pneumatic
698	Motorized Actuator - .5" to 2" - Polypro & Stainless	Motorized

B Size DN

Valve Size

DN	Inch
15	.5"
20	.75"
25	1"
32	1.25"
40	1.5"
50	2"
65	2.5"
80	3"
100	4"
150	6"
200	8"
250	10"
300	12"
350	14"

C Body Configuration

D =	Whole valve
K =	Spare body
M =	Spare diaphragm
Z =	Spare actuator/bonnet

D End Connections

E Body Type

31	Threaded NPT
8	Cast Iron - ASTM A-126 Class B
11	Cast Carbon Steel - ASTM A-216 Grade WCB
37	Investment Cast 316 Stainless Steel
3B	150# Raised Face Flange Serated
37	Investment Cast 316 Stainless Steel
38	150# Raised Face Flange Smooth
11	Cast Carbon Steel - ASTM A-216 Grade WCB
17	Ductile Iron n With PFA Lining
18	Ductile Iron With Polypropylene Lining
39	316 Stainless Steel With PFA Lining
44	Cast 316 L Stainless Steel
47	Cast 316 Stainless Steel
62	Ductile Iron With Tefzel Lining
85	Ductile Iron With PVDF Lining
44	150# Flat Face Flange
11	Cast Carbon Steel - ASTM A-216 Grade WCB
44	Cast 316 L Stainless Steel
47	Cast 316 Stainless Steel
82	Ductile Iron With Soft Rubber Lining
83	Ductile Iron With Hard Rubber Lining
86	Ductile Iron With Hypalon Lining
87	Ductile Iron With Neoprene Lining
88	Ductile Iron With Butyl Lining
89	Ductile Iron With Silica Free Soft Rubber Lining
45	125# Flat Face Flange
8	Cast Iron - ASTM A-126 Class B
50	Cast Iron Glass Lined - Pfaudler Process (Discontinued)
55	Cast Iron With ECTFE Coating - Halar
70	Schedule 40 Socket Weld
11	Cast Carbon Steel - ASTM A-216 Grade WCB
37	Cast 316 Stainless Steel

F Diaphragm Material

1	Hypalon
2	Buna-N
4	Viton
5	PTFE/EPDM
6	Butyl
8	Neoprene
14	EPDM
15	Natural Rubber
25	Natural Rubber Silica Free
52	PTFE/EPDM (PFA Lined bodies only)
57	PTFE/EPDM (PFA Lined bodies only)
5E	TFM/EPDM (PFA Lined bodies only)
5F	TFM/Viton (PFA Lined bodies only)
V5	PTFE/Viton

G Control Function

0	Manual Bonnet
1	Normally Closed
2	Normally Open
3	Double Acting

H Actuator Size

Weir Valve Actuators

Series	Type Code	Description
620	3A1	Spring to Close - Cast Iron Construction - 2.5" to 3"
620	3A2	Spring to Close - Cast Iron Construction - 2.5" to 4"
620	3A3	Spring to Close - Cast Iron Construction - 3" to 4"
620	4A1	Spring to Close - Cast Iron Construction - 3" to 6"
620	4A2	Spring to Close - Cast Iron Construction - 3" to 6"
620	5A2	Spring to Close - Cast Iron Construction - 4" to 6"
620	7A3	Spring to Close - Steel Construction - 8"
620	7A4	Spring to Close - Steel Construction - 8" to 12"
620	7A5	Spring to Close - Steel Construction - 8" to 12"
620	3AF	Spring to Open - Cast Iron Construction - 2.5" to 4"
620	4AF	Spring to Open - Cast Iron Construction - 4" to 6"
620	7AF	Spring to Open - Steel Construction - 8" to 12"
620	3AD	Double Acting - Cast Iron Construction - 2.5" to 4"
620	4AD	Double Acting - Cast Iron Construction - 4" to 6"
620	7AD	Double Acting - Steel Construction - 8" to 12"

Manual Bonnets

Series	Type Code	Description
653 (3/4" - 1")	2TH	All stainless steel with PPS glass filled handwheel - (open/close stroke limiter)
653 (1 1/2")	3TH	All stainless steel with PPS glass filled handwheel - (open/close stroke limiter)
653 (2")	4TH	All stainless steel with PPS glass filled handwheel - (open/close stroke limiter)
653 (3")	5TN	All stainless steel with PPS glass filled handwheel - (without stroke limiters)
653 (4")	6TN	All stainless steel with PPS glass filled handwheel - (without stroke limiters)
654 (3/4" - 1")	2TH	All stainless steel with PPS glass filled handwheel - (open/close stroke limiter)
654 (1 1/2")	3TH	All stainless steel with PPS glass filled handwheel - (open/close stroke limiter)
654 (2")	4TH	All stainless steel with PPS glass filled handwheel - (open/close stroke limiter)
654 (3")	5TN	All stainless steel with PPS glass filled handwheel - (without stroke limiters)
654 (4")	6TN	All stainless steel with PPS glass filled handwheel - (without stroke limiters)

I Locking Device

L Locking Device For Type 671/675 Manual Bonnets

J Not Used For Industrial Diaphragm Valves

K Not Used For Industrial Diaphragm Valves

L Not Used For Industrial Diaphragm Valves

M Special Versions/Additional Data

EG: Oxygen Cleaned

How to Order GEMU® Industrial Valves

Ordering Example	687	25	D	38	17	5E	1											
Type of valve	A																	
Size DN	B																	
Body configuration	C																	
Connection (valve body)	D																	
Body material	E																	
Diaphragm material	F																	
Control function	G																	
Actuator size	H																	
Locking device	I																	
Not required	J																	
Not required	K																	
Not required	L																	
Special versions (XXXX)	M																	