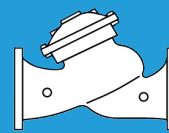


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Check Valve - Lift Type	70N *																																																																																																																																																																																																																																																																																															
Strainer - Stone and Gravel Trap	70F *																																																																																																																																																																																																																																																																																															
Additional Feature - Multiple Options Permitted	Code																																																																																																																																																																																																																																																																																															
<b>No Additional Features</b>	<b>00</b>																																																																																																																																																																																																																																																																																															
Closing and Opening Speed Control	03																																																																																																																																																																																																																																																																																															
Hydraulic Override	09																																																																																																																																																																																																																																																																																															
Electric Control	18																																																																																																																																																																																																																																																																																															
Flow Control Constant Downstream Pressure	2U																																																																																																																																																																																																																																																																																															
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Pressure Sustaining	33																																																																																																																																																																																																																																																																																															
Relief Override	3Q																																																																																																																																																																																																																																																																																															
Closing at Pressure Rise	41																																																																																																																																																																																																																																																																																															
Electrically Selected Multi-Level Setting	45																																																																																																																																																																																																																																																																																															
Downstream Over Pressure Guard	48																																																																																																																																																																																																																																																																																															
Closing Surge Prevention	49																																																																																																																																																																																																																																																																																															
2 Way Hydraulic Relay	50																																																																																																																																																																																																																																																																																															
3 Way Hydraulic Relay	54																																																																																																																																																																																																																																																																																															
<b>Solenoid Controller</b>	<b>55</b>																																																																																																																																																																																																																																																																																															
Electric Override	59																																																																																																																																																																																																																																																																																															
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w/o Hydraulic Float (60/67)	6H																																																																																																																																																																																																																																																																																															
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Modulating Altitude Pilot	82*																																																																																																																																																																																																																																																																																															
Sustaining Altitude Pilot	86*																																																																																																																																																																																																																																																																																															
Altitude Control with Bi-Directional Flow	87*																																																																																																																																																																																																																																																																																															
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Hydraulic Positioning	85																																																																																																																																																																																																																																																																																															
Burst Control	90																																																																																																																																																																																																																																																																																															
Closing at Downstream Pressure Drop	91																																																																																																																																																																																																																																																																																															
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12-24V AC-DC Powered with GSM	T5																																																																																																																																																																																																																																																																																															
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**EB**

**4AC**

**NN**

**V**

Coating	Code
Epoxy FB Dark Blue	EB
Epoxy FB Dark Blue and UV Protection	EV
Epoxy Thick	ET

Other coatings available on request.

Voltage	Main Valve Position (When Solenoid De-Energized)	Code
<b>24VAC/50Hz</b>	<b>Normally Closed</b>	<b>4AC</b>
24VAC/50Hz	Normally Open	4AO
24VAC/50Hz	Last Position	4AP
24VAC/60Hz	Normally Closed	46C
24VAC/60Hz	Normally Open	46O
24VAC/60Hz	Last Position	46P
24VDC	Normally Closed	4DC
24VDC	Normally Open	4DO
24VDC	Last Position	4DP
24VDC	Latch Solenoid	4DS
220VAC/50-60Hz	Last Position	2AP
220VAC/50-60Hz	Normally Closed	2AC
220VAC/50-60Hz	Normally Open	2AO
220VDC	Normally Closed	2DC
220VDC	Normally Open	2DO
220VDC	Latch Solenoid	2DS
110VAC/50-60Hz	Normally Closed	5AC
110VAC/50-60Hz	Normally Open	5AO
110VDC	Normally Closed	5DC
110VDC	Normally Open	5DO
110VDC	Latch Solenoid	5DS
12VDC	Normally Closed	1DC
12VDC	Normally Open	1DO
12VDC	Last Position	1DP
12VDC	Latch Solenoid	1DS

Tubings & Fittings	Code
<b>St. St. 316 Tubing &amp; Fittings</b>	<b>NN</b>
Copper Tubing & Brass Fittings	CB
Plastic Reinforced Tubing & Brass Fittings	PB
Plastic Reinforced Tubing & 316 SS Fittings	PN

Secondary Feature - Multiple Options Permitted	Code
Double Chambered - Active	B
In-Line Filter	C
S.S. 316 Actuator Internal Assembly	D
EPDM Elastomers (Seals & Diaphragm)	E1
VITON Elastomers (Seals & Diaphragm)	E2
Large Control Filter	F
Extra Large Control Filters	FF
Two Extra Large Control Filters	F1F1
High Grade Bearing & Stem	K
Balancing Piston Assembly	G
Valve Position Indicator	I
Junction Box	J
Lifting Spring	L
Flow Stem	M
S.S. 316 All Control Accessories	N
Flow Over The Seat	O
Pressure Switch	P
Valve Position Transmitter*	Q
Valve Position Transmitter for Side Indicator	Q2
Derlin Bearing	R
Electric Limit-Switch*	S
Electric Limit-Switch for Side Indicator*	S2
Double Limit Switch Assy*	SS
S.S. 316 Internal Trim Closure & Seat	T
Differential Flow Sensor (Orifice)	U
<b>V-Port Throttling Plug</b>	<b>V</b>
3W Control	X
3 Positioning Manual Control Selector	Z
Pressure Separator	d
External Control Pressure	e
Pilot Tube	j
S.S. 316 Small Control Accessories **	n
Closing Spring	q
PVDF Bearing	r
Pressure Gauge	6
Double Pressure Gauges	66

\* Include "I"

\*\* Check/Needle/"Y" Filter

Reduction Ratios (PD)					
700-EN			700-ES		
Size	Flat Disk	V-Port	Size	Flat Disk	V-Port
DN40	2.8	3.0	DN65	2.8	3.0
DN50	2.8	3.0	DN80	2.8	3.0
DN65	2.8	3.2	DN100	2.6	2.8
DN80	2.7	3.0	DN125	2.5	2.8
DN100	2.4	2.6	DN150	2.4	2.7
DN150	2.4	2.6	DN200	2.4	2.6
DN200	2.3	2.5	DN250	2.3	2.5
DN250	2.3	2.5	DN300	2.3	2.5
DN300	2.2	2.4	DN350	2.2	2.5
DN400	2.2	2.3	DN400	2.2	2.4
			DN450	2.2	2.3
			DN500	2.2	2.3
			DN600	2.2	2.3

The reduction ratios are based on flow velocity of 2.0 - 3.0 m/sec.  
Reduction ratio may vary at extreme flow velocity and upstream pressure