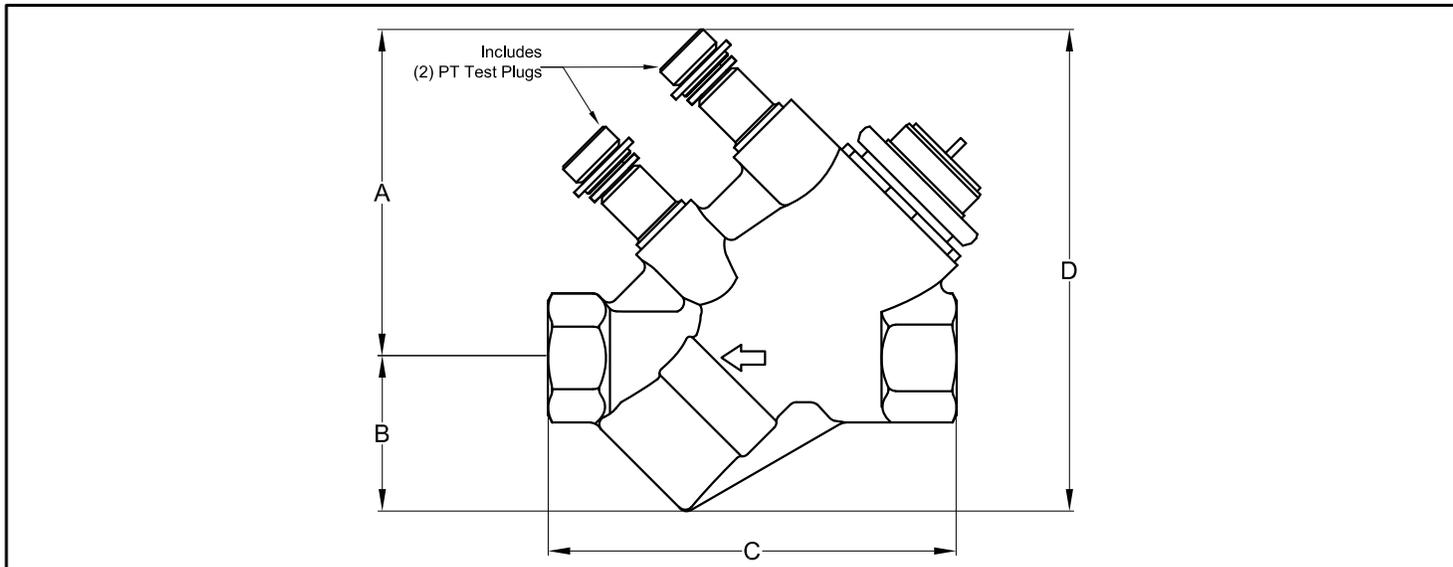




Dynamic™ Model ND

Pressure Independent Control Valve

(½" thru 2")



DIMENSIONS [inches]						
MODEL	SIZE	A	B	C	D	Wt. [lbs]
ND050	½	2.99	1.38	3.74	4.37	1.23
ND075	¾	3.27	1.93	4.72	5.20	1.96
ND100	1	3.19	2.20	5.00	5.39	2.94
ND125	1¼	3.43	2.83	6.06	6.26	3.91
ND150	1½	5.02	3.33	7.46	8.35	7.33
ND200	2	4.92	3.34	7.68	8.26	8.60

MATERIALS & DESIGN DATA	
BODY	.....DZR Brass (dezincification resistant), 250°F, 360 PSI Max, 4-58 PSID Operating Differential
CONNECTION	.....FNPT
SEALS	.....EPDM O-RINGS
CARTRIDGE	.....PPS (Polyphenylene Sulfide)
DIAPHRAGM	.....Reinforced EPDM
CLOSE OFF PRESSURE	.....58 PSID
LEAKAGE RATE	.....0.01% of rated capacity at max. rated differential pressure, ANSI Class IV
ACCURACY	.....±7% (Measuring Venturi: ±3%)

FLOW RATE SELECTION GUIDE				
SIZE	FLOW SELECTOR	COLOR	FLOW RANGE GPM	Cv*
ND050-L	DC050L	White	0.15 - 0.52	0.27
ND050-S	DC050S	Red	0.39 - 1.98	0.90
ND050-H	DC050H	Black	1.32 - 6.16	2.89
ND075-S	DC075S	White	1.41 - 3.88	2.20
NC075-H	DC075H	Black	3.67 - 9.77	5.43
ND100-S	DC100S	White	3.80 - 10.30	5.84
ND100-H	DC100H	Black	7.70 - 14.66	9.54
ND125-H	DC125H	Black	8.40 - 19.37	9.65
ND150-S	DC150S	White	16.16 - 33.29	20.20
ND200-H	DC200H	Black	22.81 - 55.48	34.10

* Cv used for Flow verification

ACCESSORIES	
Order Code	Part No. Description
<input type="checkbox"/> H	..... HT. HANGING TAG with Model No., Location (Maximum 7 Characters)
<input type="checkbox"/> X	..... PTE. PRES / TEMP TEST PLUG EXTENSION 1/16" O.A.L.
<input type="checkbox"/> @ PTEB. PRES / TEMP TEST PLUG EXTENSION 1/16" O.A.L.

ACTUATORS (24 VAC)	
Order Code	Part No. Description
<input type="checkbox"/> - NO ACTUATOR
<input type="checkbox"/> - CONTROL SIGNAL: * Two Position / On-Off * Three Position / Floating * 0-10V Proportional / Modulating
	..... FAIL POSITION: * Fail in Place / Non-Spring Return * Fail Safe / Spring Return

(For Actuators Order Codes please consult the "Ordering Guide" section in Nexus Catalog)

ORDER DATA

Sample Part #: **ND-050F-L-XH**

Model	ND	Size	050	Connection Type	F	Flow Range	L	Option Order Code(s)	XH	Actuator Options	
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PROJECT _____

CONTRACTOR _____

PO/JOB NO. _____

ENGINEER _____

REPRESENTATIVE _____

DATE _____

For part numbers and ordering information please consult the "Ordering Guide" section in Nexus Catalog.