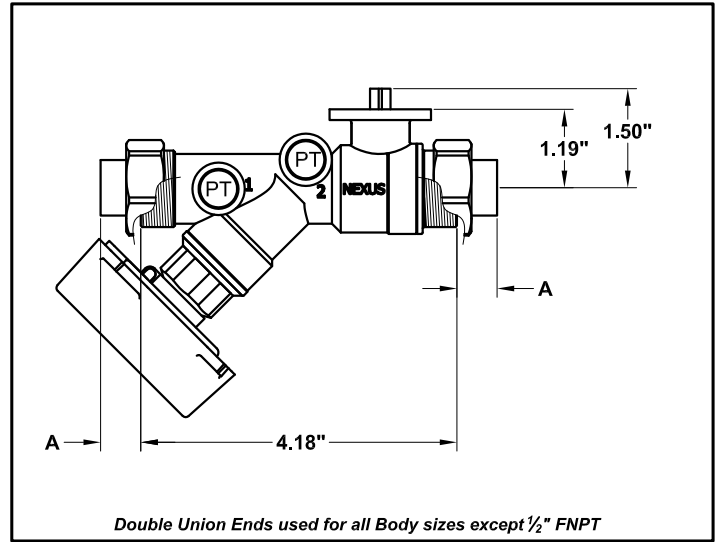
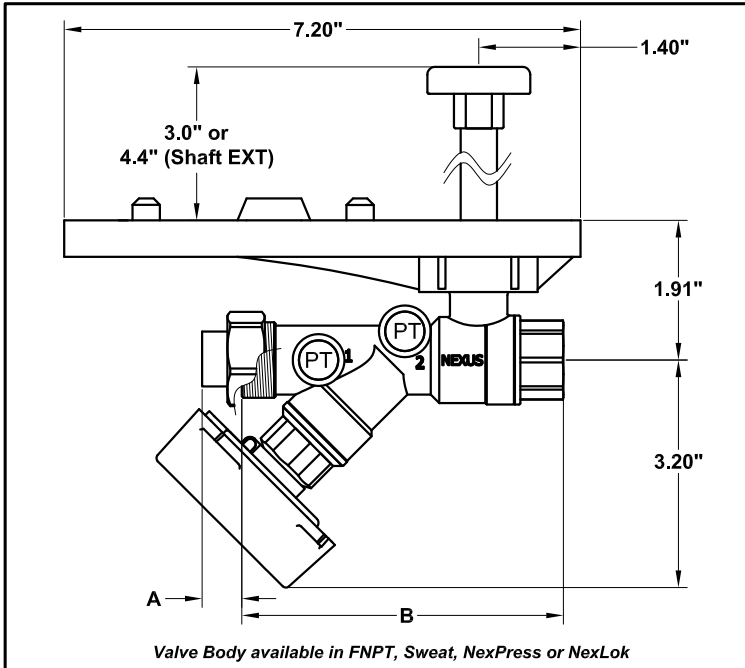




UltraMB™ Model MBA

Actuated Adjustable Flow Control Valve

(1/2", 3/4" LO, 1" LO)



DIMENSIONS [inches]									
SIZE [Inches]	A	B				WT [lbs]			
		F (FNPT)	S (SWT)	P (NexPress)	L (NexLok)	F (FNPT)	S (SWT)	P (NexPress)	L (NexLok)
1/2		4.34	4.49	4.88	4.61	1.55	1.52	1.58	1.04
3/4 LO		4.34	4.58	4.93	4.80	1.58	1.53	1.59	0.98
1 LO		4.70	4.83	6.62	5.32	1.74	1.72	2.53	2.00

TAIL PIECE OPTION	Nexus P/N	Lengths [inches]	Use with Valve Body size
MNPT (Male NPT Thread)	TP075-050M	1.00	1/2, 3/4 LO, 1 LO
	TP125-075M	1.16	1/2, 3/4 LO, 1 LO
	TP125-100M	1.29	used with Union Adapter: UA-075-125
FNPT (Female NPT Thread)	TP125-050F	1.00	1/2, 3/4 LO, 1 LO
	TP125-075F	1.00	used with Union Adapter: UA-075-125
	TP125-100F	1.20	
SWT (Female Sweat)	TP075-038S	0.58	1/2, 3/4 LO, 1 LO
	TP075-050S	0.59	
	TP125-075S	0.85	1/2, 3/4 LO, 1 LO
	TP125-100S	1.00	used with Union Adapter: UA-075-125
NexPress	TP125-050P	1.46	1/2, 3/4 LO, 1 LO
	TP125-075P	1.54	used with Union Adapter: UA-075-125
	TPA125-100P	3.85	
NexLok	TP125-050L	1.03	1/2, 3/4 LO, 1 LO
	TP125-075L	1.29	used with Union Adapter: UA-075-125

FLOW RATE RECOMMENDATION GUIDE			
SIZE [inches]	IDEAL FLOW RANGES [gpm]		HANDWHEEL TURNS
	Min.	Max.	
1/2, 3/4 LO, 1 LO	0.25	8.00	10

Equal Percentage Characteristic "Cv" Selection	
SIZE [inches]	Cv
1/2, 3/4 LO, 1 LO	0.5, 0.8, 1.7, 2.2, 3.5, 4.3, 6.1, 9.0* (* no flow disk)

Please consult the "Ordering Guide" section in Nexus Valve Catalog for complete part number and ordering information.

MATERIALS & DESIGN DATA	
BODY	.....HOT FORGED BRASS ASTM B283 600 WOG, 325°F, INTERCHANGEABLE UNION ENDS
END PIECES	.....HOT FORGED BRASS ASTM B283 NexPress: 200 PSIG, 250°F / NexLok: 250 PSIG, 200°F
KNOB	.....STYRENE, BLACK
BALL	.....HARD CHROME PLATED BRASS / STAINLESS STEEL (optional)
BALL SEALS	.....TEFLON
SHAFT	.....STAINLESS STEEL BLOW OUT PROOF DESIGN
SHAFT SEALS	.....DUAL FKM O-RINGS
SHAFT WASHER	.....TEFLON
UNION SEAL	.....FKM O-RING
CAP SEAL	.....FKM O-RING
V-PORT FLOW DISK	.....AMODEL AS-1145 HS PPA
MB BALANCING GLOBE	.....BRASS
MB HANDLE	.....NYLON, GLASS-FILLED
ACCURACY	.....±5%

ACCESSORIES		
Order Code	Part No.	Description
H	HT	HANGING TAG with Model No., Location, Flow Rate (Maximum 7 Characters)
ES-MB		EXTENSION, 3" O.A.L.
X	PTE	PRES / TEMP TEST PLUG EXTENSION, 1 1/8" O.A.L.
		ACTUATOR, SHAFT EXTENSION & MOUNTING ANCHORS

PROJECT _____

CONTRACTOR _____

PO/JOB NO. _____

ENGINEER _____

REPRESENTATIVE _____

DATE _____