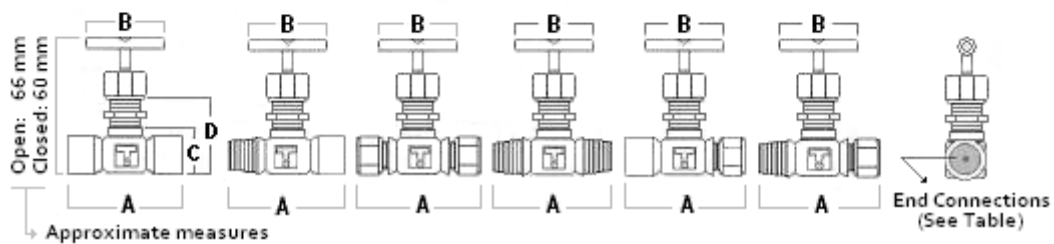




200P Series

Mini-Needle Valve with stainless steel handle for panel



PANEL MOUNTING HOLE DIAMETER \varnothing 14 MM

ALSO AVAILABLE: BSP THREADS AND INCHES OR MILLIMETERS

TYPE	1/8"		1/4"		3/8"		1/2"		DIMENSIONS*			
	CARBON	SS 316	CARBON	SS 316	CARBON	SS 316	CARBON	SS 316	A	B	C	D
FEMALE X FEMALE	202 FP S	202 FP 316	204 FP S	204 FP 316	206 FP S	206 FP 316	-	-	49	35	22	30
MALE X FEMALE	202 MFP S	202 MFP 316	204 MFP S	204 MFP 316	206 MFP S	206 MFP 316	-	-	49			
TUBE OD X TUBE OD	202 TP S	202 TP 316	204 TP S	204 TP 316	206 TP S	206 TP 316	-	-	68			
	-	-	-	-	-	-	208 TP S	208 TP 316	75			
MALE X MALE	202 MP S	202 MP 316	204 MP S	204 MP 316	206 MP S	206 MP 316	208 MP S	208 MP 316	57			
FEMALE X TUBE OD	202 FTP S	202 FTP 316	204 FTP S	204 FTP 316	206 FTP S	206 FTP 316	-	-	61			
MALE X TUBE OD	202 MTP S	202 MTP 316	204 MTP S	204 MTP 316	206 MTP S	206 MTP 316	-	-	61			
	-	-	-	-	-	-	208 MTP S	208 MTP 316	66			

* Dimensions are for reference only and are subject to change.

OPTIONALS & KEY FEATURES

VARIOUS STANDARD END-CONNECTIONS FROM 1/8" TO 1/2"	TUBE O.D. - TWO FERRULES SYSTEM
CHOICE OF 316 STAINLESS STEEL (CF8M) OR CARBON (WCB)	NPT THREADS OR BSP THREADS
TEFLON® PACKING OR GRAFOIL® PACKING	MAXIMUM OPERATING PRESSURE: 6.500 PSI

Technical Standards



STANDARDS - RAW MATERIAL		SÉRIE 200 P
Nº	DESCRIPTION	
	SS 316 (316)	CARBON (S)
1	ROUND BAR (316)	ROUND BAR (S)
	ASTM A 276	SAE 1020 / 1045
2	SCREW ALLEN (304)	SCREW ALLEN (S)
	DIN 915	DIN 915
3	HEX BAR (316)	HEX BAR (S)
	ASTM A 276	SAE 1020 / 1045
4	ROUND BAR (316)	ROUND BAR (S)
	ASTM A 276	SAE 1020 / 1045
5	PTFE 850A (TEFLON®)	
	ASTM D 4894	
6	WASHER (316)	
	ASTM A 167	
7	ROUND BAR (316)	
	ASTM A 276	
8	BODY VALVE - CASTING (CF8M)	BODY VALVE - CASTING (WCB)
	ASTM A 351	ASTM A 216
9	ROUND BAR (316)	ROUND BAR (S)
	ASTM A 276	SAE 1020 / 1045
10	HEX BAR (316)	HEX BAR (S)
	ASTM A 276	SAE 1020 / 1045

VALVES BODIES TREATMENT			
COMPONENT		TREATMENT	STANDARD
ALL (EXTERNALS)	316 (CF8M)	GLASS BEAD BLASTING	TRIUNION'S STANDARD
	CARBON (WCB)	CHROMATE NON-HEXAVALENT (COLORLESS)	
NUT (N)	10	SS 316	

OXYGEN CLEANING			
COMPONENT		TREATMENT	STANDARD
ALL	SS 316 (CF8M)	ROCOL® FLUOR CLEAN OR SIMILAR	ASTM G 93
	CARBON (WCB)		

PRESSURE TESTING			
PRODUCTS	TESTING PROCEDURES		STANDARD
VALVES	SHELL	SEAT	MSS SP 82 BS EN 12266
	9.750 PSI – 15 SEC ROOM TEMPERATURE	7.150 PSI – 15 SEC ROOM TEMPERATURE	

Technical Information



Mini Needle Valves for Panel - 200P-300P-1200P-2200P Series

TECHNICAL DATA		SS 316	CARBON	
S T A N D A R D S	RAW MATERIAL	BODY	SS 316 - CASTING (CF8M) – ASTM A 351	CARBON - CASTING (WCB) – ASTM A 216
		PACKING (OPTIONAL)	GASKETS: TEFLON® (POLYACETAL) OR GRAFOIL® (GRAFKOTE)	
		INTERNAL	ALL SS 316 - ASTM A 276	
PANEL MOUNTING HOLE DIAMETER		Ø 14 MM		
CONSTRUCTIVE FORM OF THE STEM		SINGLE PIECE WITHOUT WELDING		
HANDLE	200P / 300P SERIES	T-BAR SS 304 / SS 316 Ø - ASTM A 276	T-BAR CARBON Ø – SAE 1020 / 1045	
	1200P SERIES	BAKELITE HANDLE Ø 35 X 216	BAKELITE HANDLE Ø 35 X 216	
	2200P SERIES	KNURLED HANDLE SS 304 / SS 316 Ø – ASTM A 276	KNURLED HANDLE CARBON Ø – SAE 1020 / 1045	
ACTUATOR		DIRECT BY HANDLE		
TYPE		MINI-NEEDLE TYPE GLOBE VALVE		
END CONNECTIONS FOR TUBE O.D.		TWO FERRULES SYSTEM		
WORKING PRESSURE		6.500 PSI		
ORIFICE SIZE		2,8 MM		
BURST PRESSURE		DESIGNED WITH 4 : 1		
TEMPERATURE RANGE (OPTIONAL)		TEFLON® = (-) 50° C + 200° C GRAFOIL® = (-) 50° C + 600° C		
TESTING PROCEDURES		STANDARDS BS EN 12266-1:2003 / BS EN 1266-2:2003 / MSS-SP-82 100% FACTORY TESTED 9.750 PSI – 15 SEC – ROOM TEMPERATURE		
KEY FEATURES				
BUILT OF PRECISION MACHINED COMPONENTS, ASSEMBLED TO STRICT QUALITY STANDARDS AND 100% TESTED FOR LEAKS. THE MINI VALVES ARE ALSO AVAILABLE IN PLATED CARBON STEEL (WCB) ASTM A 216 OR 316 SS CASTING – (CF8M) ASTM A 351				
THESE MINI-VALVES ARE STANDARD WITH A VARIETY OF END CONNECTIONS: FEMALE, MALE, SW, TUBE O.D. (TWO-FERRULE). ALSO AVAILABLE NPT OR BSP THREADS, INCHES OR MILLIMETERS.				