Williams Controls

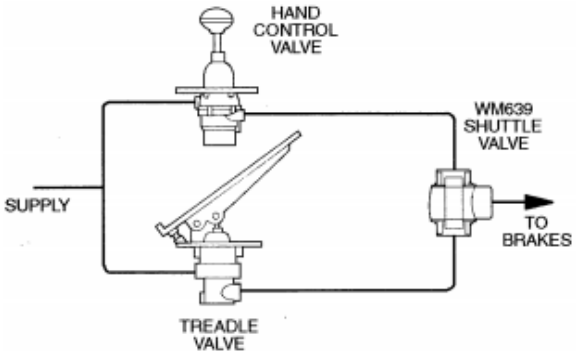
WM-639

Williams Customer Specification

Original Release: 07/85
Original Project: 119775

DESCRIPTION

The WM639 is an in-line shuttle valve engineered for applications with a low to moderate air flow rate. It functions as a double check valve, allowing two pressure sources to independently supply a single outlet. The WM639 is equipped with a die cast zinc shuttle which moves freely back and forth in a chamber connecting valve's two inlet ports. As long as there is a pressure differential between the inlets the shuttle seal off the one with the least supply pressure. This valve in commonly used in air brake systems in which a hand valve and a treadle are both used to control the same function.



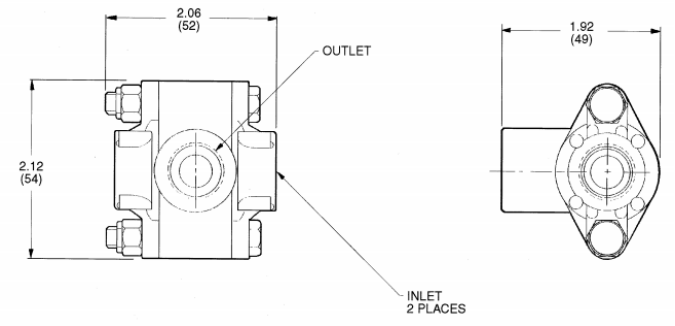
		PROCEDURE NAME:					
		Williams Customer Specification Form					
DOCUMENT NUMBER:	**119775**	Revision Level	A	Date Effective	07/1985	DAF#	

SPECIFICATION

Port Size	3/8-18 NPTF
Maximum Supply Pressure	150 PSI (1034 kPa)
Operating Temperature	-29°C to 93°C
Flow Rating	130 SCFM @ 100 PSI (3.5m^3/min @ 690 kPa)
Mounting	In-line
Mounting Attitude	Optional
Materials	
Body Castings	Iridited die cast zinc alloy
Shuttle	Buna N bonded to Zinc Alloy
O-Rings	Buna N
Weight	7oz (0.2kg)

For Continuous operation beyond this range, contact factory.

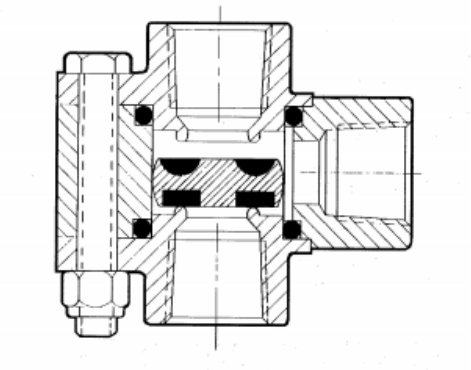
DIMENSIONS



TO ORDER

To order **Specify WM639A**, **Part Number** 113934

CROSS SECTION



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