

SPECIFICATIONS:

- MAXIMUM PRESSURE RATING: 290 PSI (20 BAR) FOR LARGE QUICK CONNECT, THREADED AND 50-SERIES FLANGED CONNECTIONS; 215 PSI (15 BAR) FOR 75-SERIES FLANGED CONNECTIONS
- FLOW RATE: 10 GPM @ 5 PSI (37.9 L/MIN @ 0.34 BAR) PRESSURE DROP
- FLOW RATE: 14 GPM @ 10 PSI (53.0 L/MIN @ 0.68 BAR) PRESSURE DROP
- CURRENT DRAW: 0.5 A
- RESPONSE TIME: 0.7 SEC
- WETTED MATERIALS: POLYPROPYLENE, NYLON, STAINLESS STEEL, FKM
- LENGTH: 7.1" (180 MM); WIDTH: 2.3" (59 MM); HEIGHT: 9.5" (241 MM)

FEATURES INCLUDE:

- REGULATED BYPASS FEATURE SIGNIFICANTLY IMPROVES PRESSURE STABILITY WHEN BOOM SECTIONS ARE SWITCHED ON OR OFF
- GRADUATED BYPASS PORT IS ADJUSTED TO MATCH BOOM SECTION FLOW WHICH REDUCES SYSTEM PRESSURE INCREASES AND DECREASES
- REGULATED BYPASS ALLOWS THE REGULATING VALVE TO MAINTAIN A MORE STABLE POSITION
- BYPASS PORT IS COMPATIBLE WITH EXISTING TEEJET® QUICK CONNECT FITTINGS
- SOLID STATE CIRCUIT BOARD WITH OPTICAL SWITCHING
- MOTOR HEAD SEALED TO IP67
- CHOICE OF MINI-DIN OR METRI-PACK CONNECTOR
- QUICK RELEASE MOTOR HEAD ALLOWS FOR FIELD INSPECTION
- RESETTABLE INTERNAL FUSE (DISCONNECT POWER FOR 20 SECONDS TO RESET)
- "EC" STYLE MOTOR COMPATIBLE WITH TEEJET® AUTOMATIC BOOM SECTION CONTROLS
- "EC" STYLE MOTOR USES A SINGLE POLE, SINGLE THROW SWITCH
- "E" STYLE MOTOR USES A DOUBLE POLE, DOUBLE THROW SWITCH
- OUTLET CONNECTIONS AVAILABLE IN STRAIGHT OR 90 QUICK CONNECT HOSE BARBS; REFER TO PL45529
- STAINLESS STEEL STEM PROVIDES EXCELLENT DURABILITY AND CHEMICAL RESISTANCE
- STAINLESS STEEL MOUNTING BRACKETS ALLOW FOR EASY INSTALLATION

ORDERING INFORMATION:

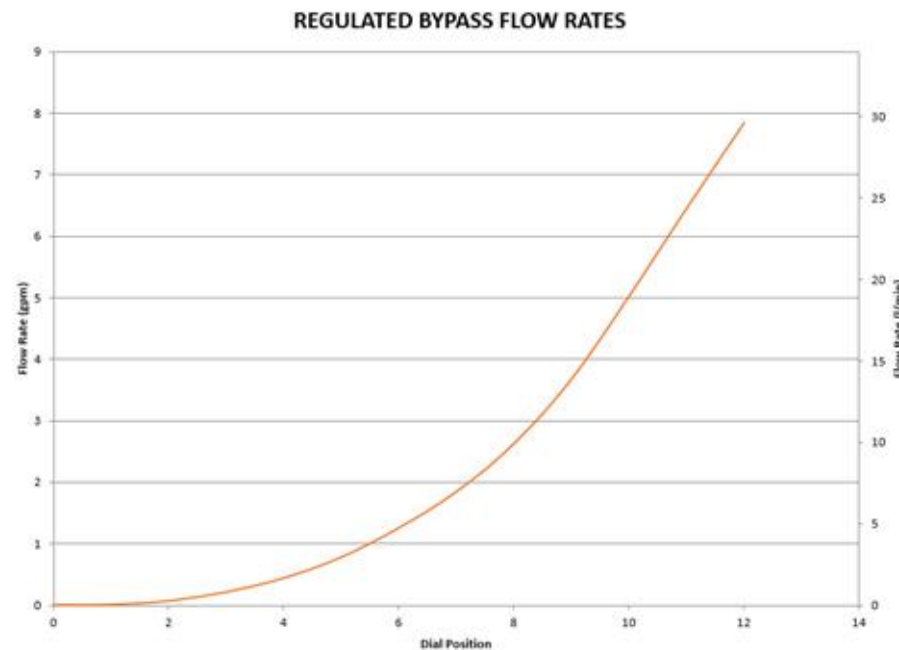
533EC-3-D: 3 SECTION 3-WAY MANIFOLD, MINI-DIN CONNECTION, SINGLE POLE SINGLE THROW
 535E-3-P: 5 SECTION 3-WAY MANIFOLD, METRI-PACK CONNECTION, DOUBLE POLE DOUBLE THROW

REPLACEMENT 2-WAY VALVE: 115847-EC-*, 115847-E-*

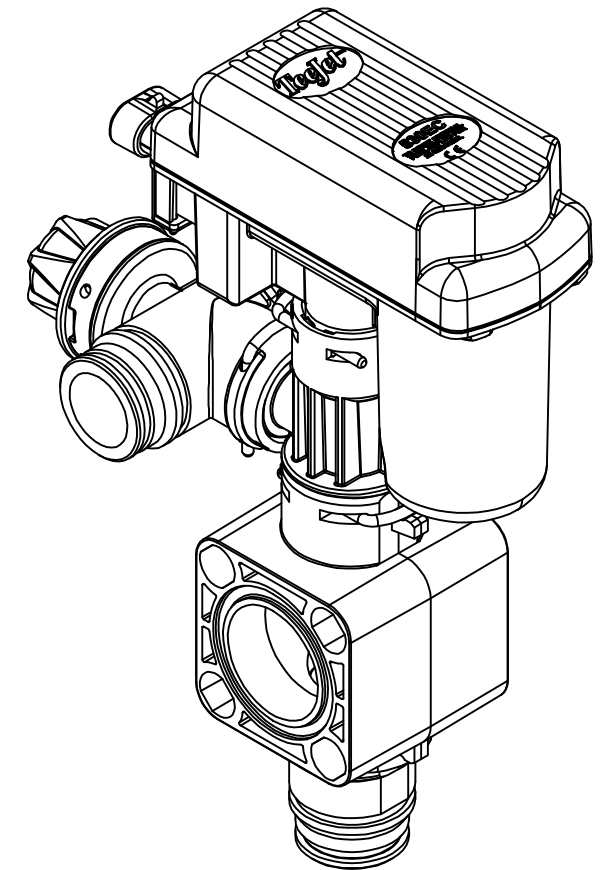
58480 _ _ _ : MINI-DIN CABLE (SEE DS58480)
 98546 _ _ _ : METRI-PACK CABLE (SEE DS98546)

OPERATION INFORMATION: ADJUSTING THE REGULATED BYPASS

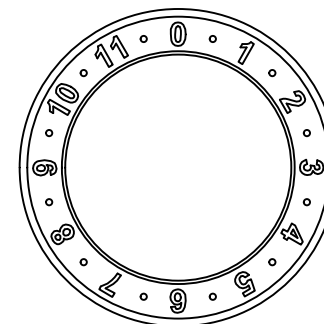
- 1) ADJUST ALL METER BYPASS DIALS TO THE "ZERO" SETTING (TURN CLOCKWISE)
- 2) OPEN ALL SECTION VALVES, ALLOWING FLOW TO BOOM SECTIONS
- 3) NOTE THE CURRENT PRESSURE IN THE SYSTEM WITH ALL THE VALVE SECTIONS OPEN
- 4) TURN "ONE" VALVE SECTION OFF, ELIMINATING FLOW TO THAT BOOM SECTION
- 5) THIS SHOULD INCREASE THE PRESSURE IN YOUR SYSTEM. ADJUST THE BYPASS DIAL ON THE CLOSED VALVE SECTION UNTIL YOUR PRESSURE REFLECTS THE PRESSURE IN "STEP THREE"
- 6) INDIVIDUALLY REPEAT STEP "THREE" THRU "FIVE" FOR ALL OF YOUR VALVE SECTIONS



NOTE: APPROXIMATE FLOW RATE TABULATION BASED ON SPRAYING WATER AT 70° F (21° C) AND 40 PSI (2.8 BAR).

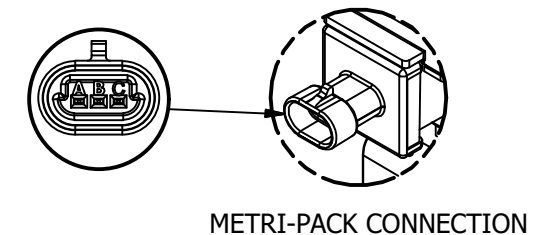
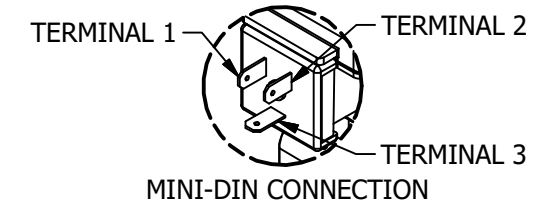
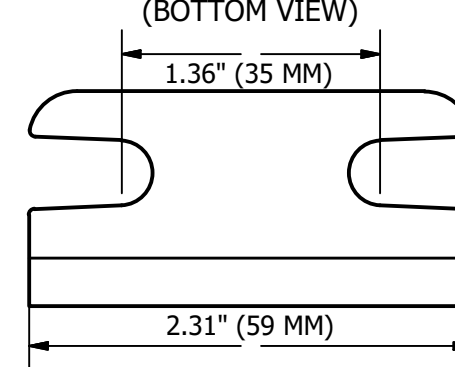


METERED BYPASS DIAL



CLOCKWISE = CLOSE
 COUNTER CLOCKWISE = OPEN

MOUNTING BRACKET (BOTTOM VIEW)



WIRING CHART FOR EC & E MOTORS				
MINI-DIN	METRI-PACK	WIRE COLOR	EC MOTOR	E MOTOR*
1	A	RED	CONSTANT +12VDC	+12VDC TO OPEN
3	B	WHITE	SWITCHED +12VDC	NOT USED
2	C	BLACK	GROUND	-12VDC TO OPEN

*FOR E MOTORS REVERSE POLARITY TO CLOSE. REQUIRES DPDT SWITCH.

DESCRIPTION: 530EC AND 530E 3-WAY REGULATED BYPASS DIRECTOVALVE® ELECTRIC SHUT-OFF PLUNGER VALVE MANIFOLD		
	REVISION NO. 1 REFERENCE: 9/14/2018	Data Sheet No. DS530EC-3 SHEET: 1 OF 1 DWG SIZE: B