



FAST FILL SYSTEMS



Technical Catalog
2016

A detailed technical line drawing of a rocket engine nozzle assembly, showing various internal and external components like the nozzle, throat, and various support structures.

Contents

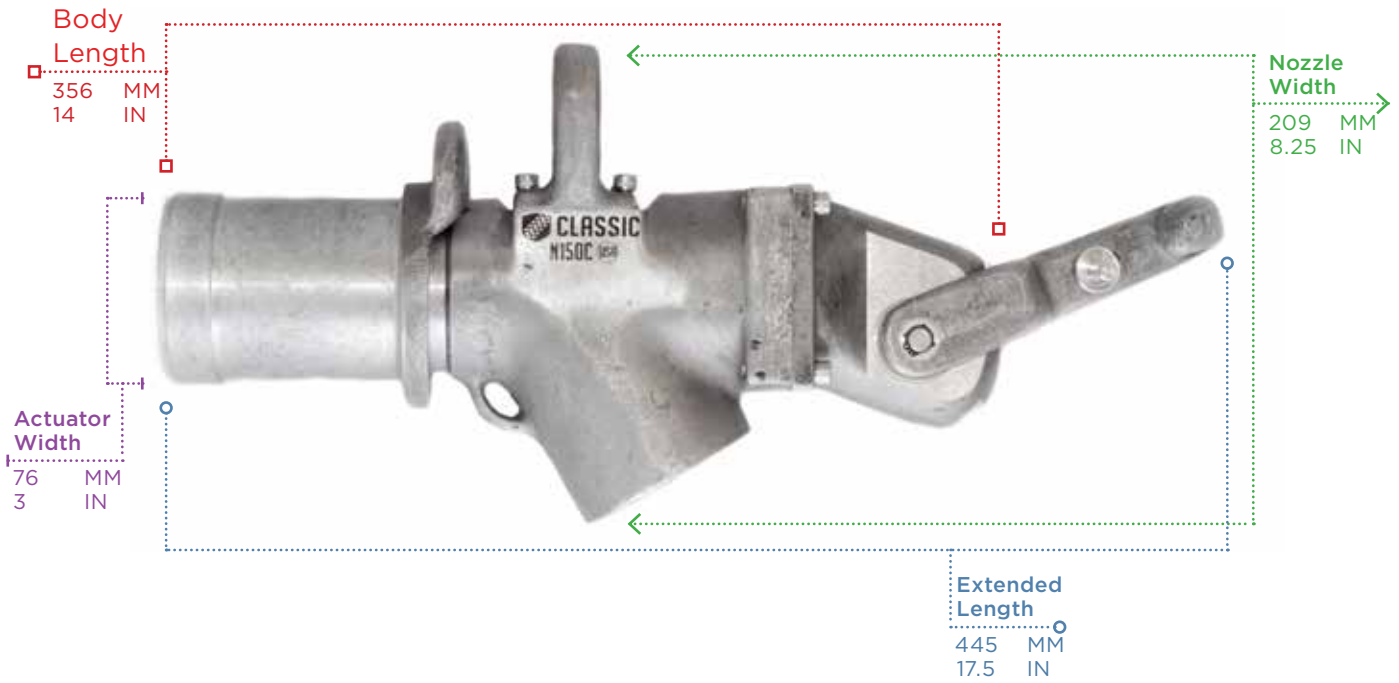
Fuel Nozzles	4
Pressureless Systems	9
Receivers	13
Vents	15
Couplers	16
Matrix	20
Nozzle Tech	24



N150Cp

Classic Diesel Fuel Nozzle

The Classic nozzle contains traditional components that have been in use for decades. This all-metal nozzle provides the operator with a familiar, proven piece of quality equipment that has a long history of being the standard nozzle of the heavy equipment industry.



Max Operating Pressure		Max Flow Rate		Min Flow Rate		Fuel Inlet Port		Weight		Latching Mechanism
5.17	BAR	567	LPM	94.5	LPM	38.1	MM	3.515	KG	Metal Latching Dogs
75	PSI	150	GPM	25	GPM	1-1/2	IN	7.75	LBS	



N150PBp

Pitboss Diesel Fuel Nozzle

The PitBoss diesel fuel nozzle (N150PB) is perfect for users looking for a durable and forgiving diesel fueling solution. The Elastodog latching mechanism improves latching under harsh conditions and the piston-driven shutoff engagement improves longevity.

- Powder coated non-slip finish for better grip.
- All-metal construction and fewer internal components.
- Plugs are available and strongly recommended.

Variations

Standard with plug	N150PBp
Underground mining	N150PBU
Brine Resistant	N150PB-BR



Max Operating Pressure		Max Flow Rate		Min Flow Rate		Fuel Inlet Port		Weight		Latching Mechanism
5.17	BAR	567	LPM	94.5	LPM	38.1	MM	2.948	KG	Elastodog
75	PSI	150	GPM	25	GPM	1-1/2	IN	6.5	LBS	Clips



N150PSLp

Piston SureLoc Diesel Fuel Nozzle

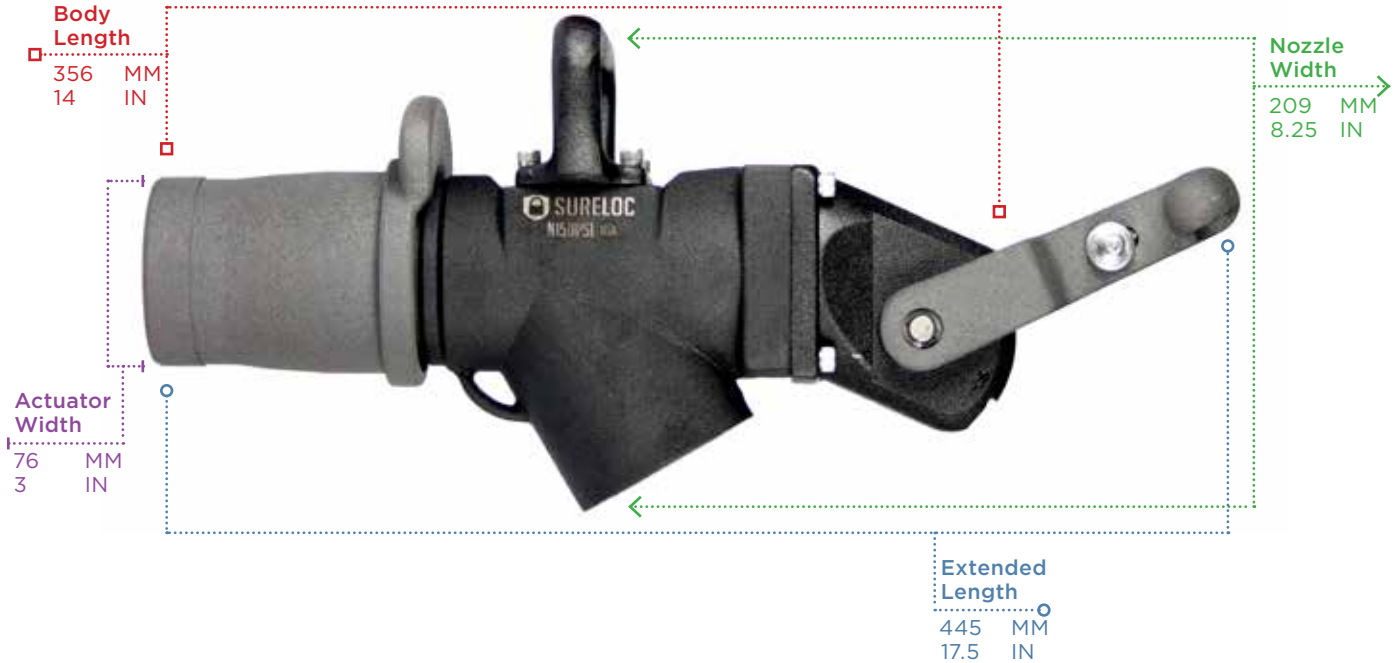
The SureLoc diesel fuel nozzle has proven reliable even in the harshest environments and is customizable to meet specific needs. Its durable, all-metal construction and thick wall main housing makes it optimal for heavy duty operations. The latching mechanism consists of twelve stainless steel ball bearings for a secure latch. Available with either piston or diaphragm control shut-off and two flow rate and inlet options, it is our most versatile nozzle.

- Powder coated non-slip finish for better grip.
- Built tough to handle the harshest conditions.
- Ball bearing latching for a secure connection.
- Withstands extreme temperatures.

Variations

Standard with plug
Diaphragm Driven
2" Fuel Inlet
2" High Flow 800
LPM/ 211 GPM
PSL Arctic Nozzle

N150SLp
N150SL*
N150SL-2*
N150SL800**
N150PSL800
N150ARTCp



Max Operating Pressure		Max Flow Rate		Min Flow Rate		Fuel Inlet Port		Weight		Latching Mechanism
5.17	BAR	567	LPM	94.5	LPM	38.1	MM	3.6	KG	Ball Bearing
75	PSI	150	GPM	25	GPM	1-1/2	IN	7.9	LBS	
		**800 Series		**800 Series		**800 Series				* The diaphragm driven models are now only offered on rebuilt models. They are no longer sold new.
		800	LPM	567	LPM	50.1	MM			
		211	GPM	150	GPM	2	IN			



N150Tp

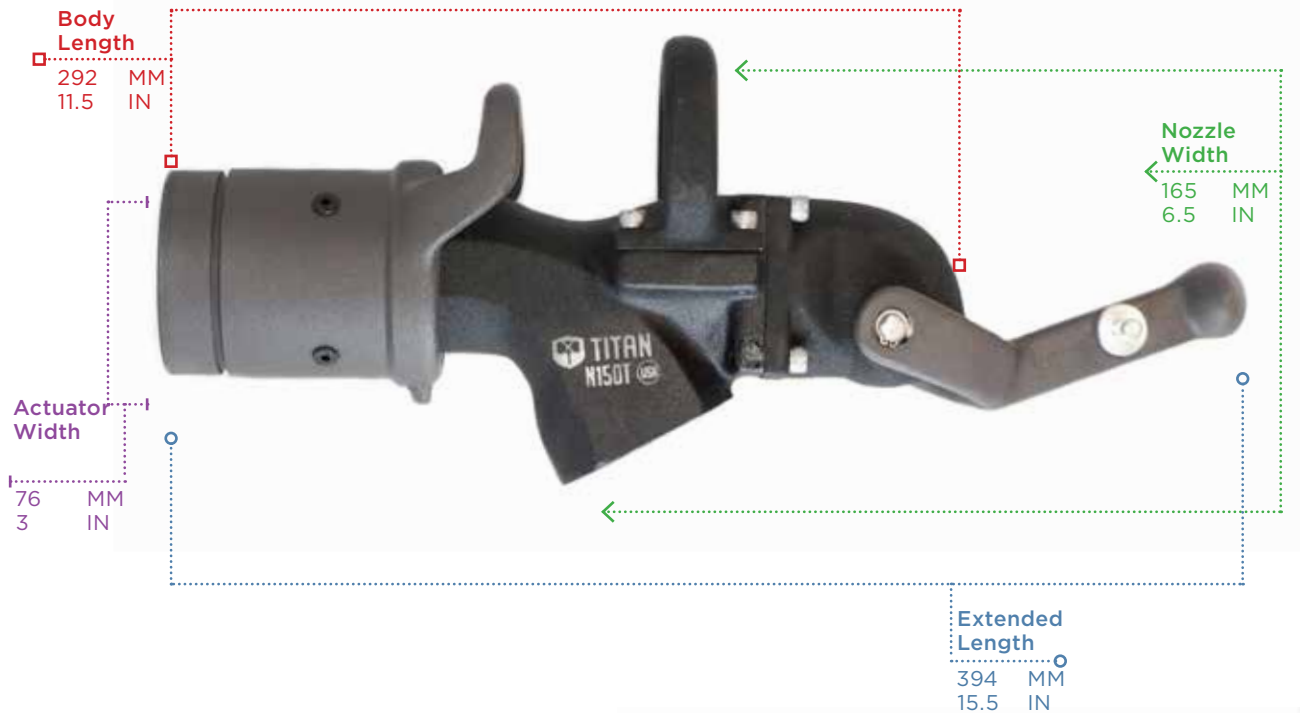
Titan Diesel Fuel Nozzle

The Titan diesel fuel nozzle blends elements from our Pitboss fuel nozzle with a compact design to create the most compact, lightest diesel fuel nozzle in the industry. In addition to the Elastodog latching mechanism and piston-driven shutoff, the field replaceable piston cartridge allows the end-user to bring a worn nozzle back to life.

- Powder coated non-slip finish for better grip.
- Sturdy build for greatly increased lifespan.
- Elastodog latching mechanism.
- Withstands extreme temperatures

Cartridge

In field repair cartridge N150TRC



Max Operating Pressure		Max Flow Rate		Min Flow Rate		Fuel Inlet Port		Weight		Latching Mechanism
5.17	BAR	567	LPM	94.5	LPM	38.1	MM	2.645	KG	Elastodog
75	PSI	150	GPM	25	GPM	1-1/2	IN	5.65	LBS	Clips

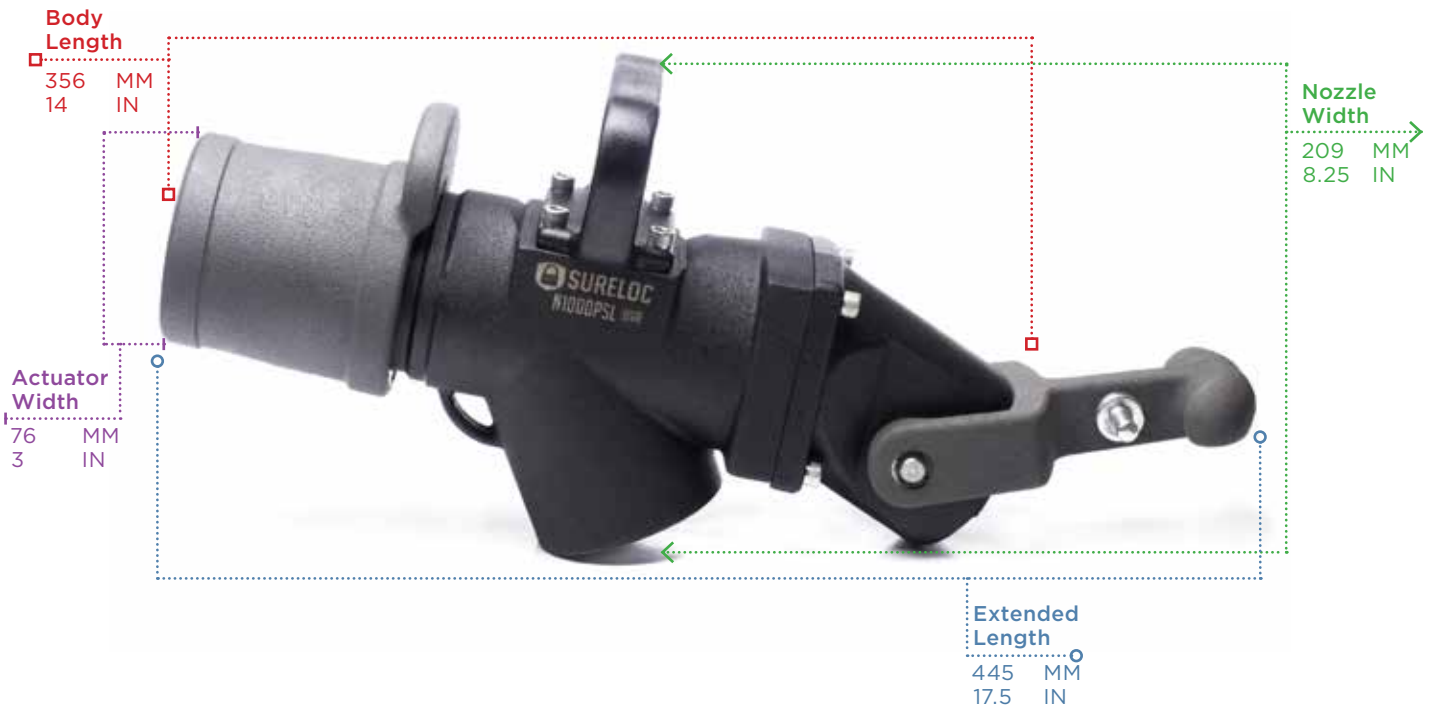


N1000PSL

Piston Sureloc Diesel Fuel Nozzle

Our latest, state of the art nozzle is rated for flow rates up to 1000 LPM (265 GPM), includes 2" NPT threads for an easy retrofit for exiting traditional fueling receivers and vents. Utilizing our robust Piston Sureloc design the N1000PSL uses a 12-ball stainless ball-bearing latching mechanism ensuring a secure latch to the receiver.

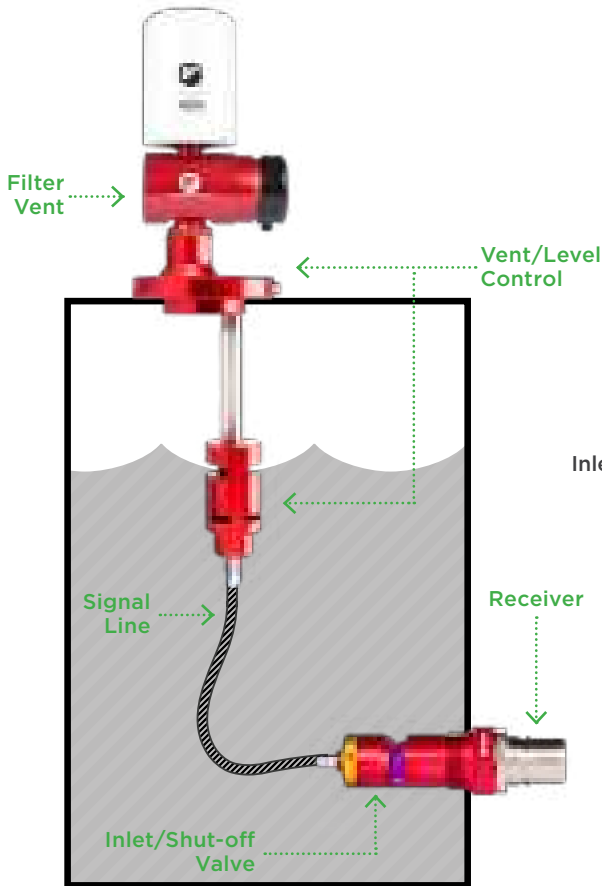
- Powder coated non-slip finish for better grip.
- Sturdy build for greatly increased lifespan.
- Ball bearing latching for secure connection.
- Withstands extreme temperatures



Max Operating Pressure		Max Flow Rate		Min Flow Rate		Fuel Inlet Port		Weight		Latching Mechanism
5.17	BAR	1000	LPM	94.5	LPM	38.1	MM	3.6	KG	Ball Bearing
75	PSI	263	GPM	25	GPM	1-1/2	IN	7.9	LBS	

Fast Fill Pressureless System Advantages

- Automatic shut-off without inducing pressure into the tank.
- Positive shut-off system senses the fluid level in the tank.
- Designed to work best with our SureLoc and PitBoss pressure sensitive nozzles.
- Can be fitted with a pressure switch and time-delay relay to operate with non-pressure sensitive nozzles.
- Pressure switch and time-delay relay act as a safeguard against dead-head conditions once the shut-off valve closes.



Inlet Shut-Off Valve

PLA150-M VLCE

The vent/level control system operates using 5" long, 1/2" NPT piping, allowing for compatibility with more than 80% of heavy equipment used worldwide. The 5" length pipe can also be extended by changing the length of the stem pipe to reach the desired shut off level. They can be ordered with a 5", 7" or 12", or can be custom made to suit your needs. The VLCE includes extra 1/2" pipe nipples that comes in 2" and 3" lengths and the necessary Loctite thread lock to secure your pipe.



Other features include external and internal signal line ports and integrated roll over spill protection. The VLCE is precisely engineered to function on the largest tanks with only 4" of operating space. 16" of clearance required for installation.



PL-P-6

Signal Line

Our Teflon and stainless steel braided signal line can be used both internally and externally. Standard length of 10'. Custom sizes available.



Max Operating Pressure		Min Operating Pressure		Min Flow Rate		Max Flow Rate		Diesel Fuel Nozzle Shut-Off Pressure	
517	kPa	35	kPa*	95	LPM	568	LPM	48	kPa
75	PSI	5	PSI	25	GPM	150	GPM	7	PSI
						800	LPM*		
						200	GMP*		

* Requirement at the nozzle. Additional plumbing between the pump and the diesel fuel nozzle will add additional pressure drop to the system.

*Flow rates of 200 GPM/ 800 LPM possible when used with diesel fuel nozzles rated for such, e.g. N150SL800



High Flow Pressureless

2 IN NPT

Adjustable Stem Height

#6 JIC Signal Line Fitting



PLA1000-M VLCE

When combined with the N1000PSLP nozzle, and our PLA1000-M SV, flow rates of up to 1000 LPM are achievable. With pressureless operation, this system provides your operators a clean & safe way to refuel high volume applications. With increased flow around the closed-cell encapsulated foam float, our system maintains reliability at higher flow rates. Other features include external and internal signal line ports and integrated roll over spill protection. The VLCE is precisely engineered to function on the largest tanks with only 4" of operating head space. (16" of clearance required for installation.)

Features

- Automatic shut-off without inducing pressure into the tank.
- Positive shut-off system senses the fluid level in the tank.
- Diesel-resistant closed-cell foam float for shut-off.
- 2" NPT easily fits most tank applications.



PLA1000-M SV

High Flow Pressureless

This high flow receiver can handle the most demanding high volume applications. When paired with an N100PSLP nozzle and our PLA1000-M VLCE. Made of extremely durable nickel-plated steel, this receiver will last in the harshest environments. The new enclosed spring design smooths fluid flow to prevent vibrations caused by high flow rates.



2 IN NPT

Max Operating Pressure

5.17 BAR
75 PSI

Safety

Eliminates potential fuel spray.

Construction

Nickel plated steel. Anodized aluminum.

Time Saving

Replace receiver without draining tank.

Economic

Prevents fuel theft.

These items must be used with the N1000PSLP Nozzle to achieve the 1000LPM flow rate.



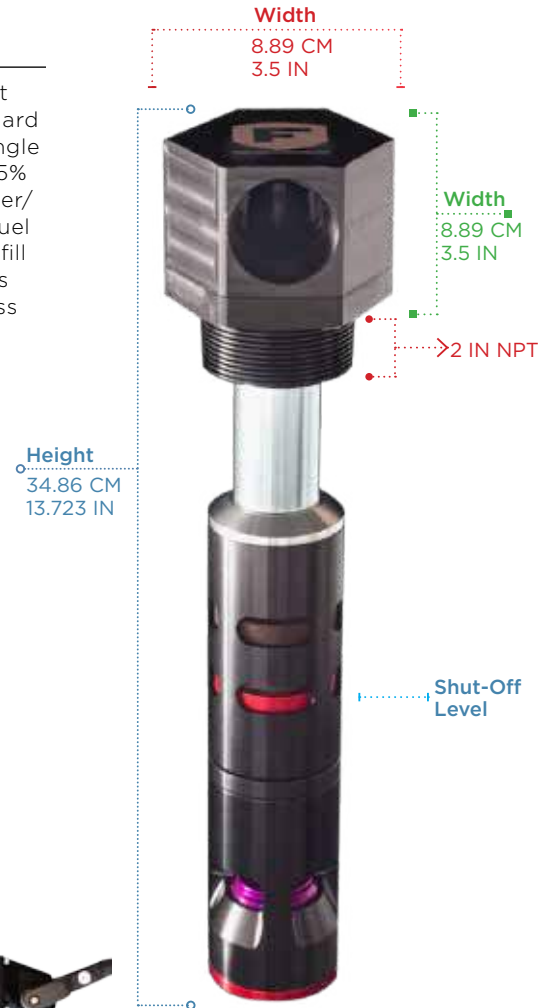
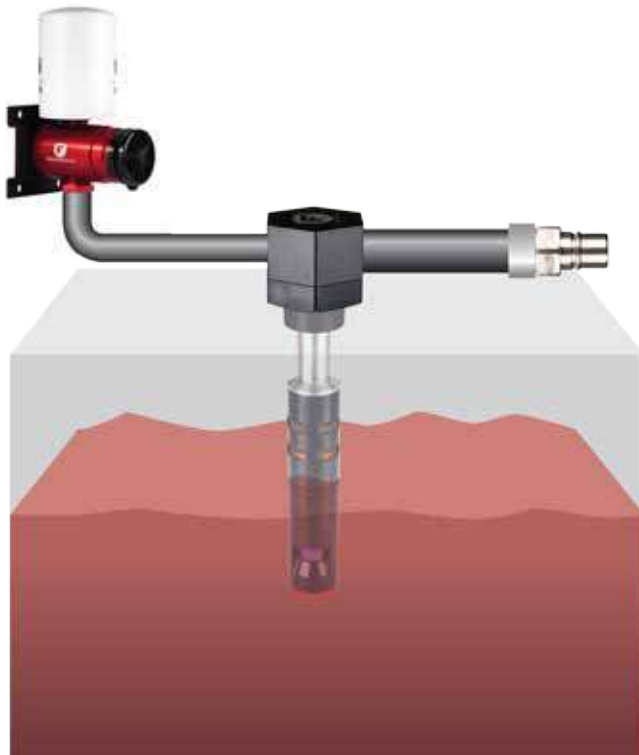
PLA80-SVLC

**Small Tank
Pressureless**

The PLA80 brings Pressureless fueling to applications where it was once unavailable. This all-in-one drop-in system fits standard 2" NPT inlets and enables individual tank fill and shutoff for single or multi tank configurations. Once the fuel level reaches 90-95% capacity, each tank will automatically shut off, eliminating under/over filling. The auto shut-off feature works with all standard fuel nozzles (up to 80 GPM). With filtered venting and a dry break fill point, contamination is dramatically decreased. This product is ideal for agriculture, small construction, oil extraction and mass transit equipment because of its compact design and ease of installation.

Features

- Fills and vents through the same unit
- Completely pressureless operation
- Automatic independent tank shutoff
- Remote receiver mounting
- Remote or direct filter vent mounting
- 1-1/4" FNPT fuel inlet threads
- 1" FNPT vent port threads
- Standard weight: 3.92 lbs | 1.78 kg



This system has also been adapted to work with hydraulic fluid. The specifications below are for the PLA80 Hydraulic Application.

Max Operating Temperature	Min Operating Temperature	Min Operating Pressure
150° F 65.6° C	-30° F -34.4° C	125 PSI

Max High Flow Rate		Min High Flow Rate		Max Standard Flow Rate		Min Standard Flow Rate		Max Operating Temperature		Min Operating Temperature	
302	LPM	151	LPM	151	LPM	94.5	LPM	150°	F	-30°	F
80	GPM	40	GPM	40	GPM	20	GPM	65.6°	C	-34.4°	C



PLA150-M SV

Inlet Shut-Off Valve

The typical inlet/shutoff valve for a Pressureless system. Designed to be mounted directly to the tank. Requires 2" NPT on the tank and 8-10" of space for installation. 211 GPM max flow rate. A receiver may be mounted directly or remotely to the valve (see AD150 and AD150J).



AD150J

2" JIC Adaptor

Used to adapt from the proprietary thread in our shutoff and check valves to a 2" Male JIC.



PLA150-M SVEBH

Inlet Shut-Off Valve

Flange mounted shutoff valve with 6 bolt pattern designed to replace the FFF5C bolt-on bellhousing. External #6 JIC signal line connection.



AD150

2" NPT Adaptor

Used to adapt from the proprietary thread in our shutoff and check valves to a 2" Female NPT.



PLA150-M RRM2

Remote Mount Can

Designed to remotely mount the entire shutoff valve and receiver. Receiver (R150CVRc-J) is included. External #6 JIC signal line connection.



N150SB

Bulk Nozzle

Provides a higher flow rate than conventional high-flow nozzles for bulk filling. Constructed from aluminum. 12 stainless steel latching balls, 2 wiper seals, and actuating ring with non-slip knurled surface.



PLA150-M SV61-E

Inlet Shut-Off Valve

Flange mounted shutoff valve with 6 bolt 5-3/4" tank mounting pattern, and 2" Code 61 hose connection for remote mounted receiver. External #6 JIC signal line connection.



R150-TL70-J

Twist Lock Receiver

2 Piece .70mm "Twist Lock" receiver for pressureless applications.



PLA150-M SVFE

Inlet Shut-off Valve

Flange mounted shutoff valve with 6 bolt 5-3/4" pattern. Includes 2-Piece direct mount receiver and external #6 JIC signal line connection.



PLA150-M PTF

Plastic Tank Adaptor

2" NPT adaptor is designed for plastic fuel tanks. Provides the 2" NPT necessary for Pressureless systems.



PLA150-M EP

Evac Port

Receiver replacement evacuation port allows draining of the fuel tank from the standard fill point using a Fast Fill Systems diesel fuel nozzle or our N150SB bulk transfer nozzle.



PLA150-M PTSF

Plastic Tank Adaptor

2" NPT adaptor for plastic fuel tanks. Works well with CAT plastic tanks and fits most CAT splash fill caps.



PLA150-M VF

Receiver Flange

CAT 120mm 6-bolt vent flange



PLA150-M RF

Receiver Flange

2" NPT 6-bolt pattern receiver flange fits CAT 5 3/4" PT#221-5303





S150, S512, S200, S215

**Straight
Hose
Swivel**

Straight hose swivels with all aluminum construction.



A150A, A150B, A150C

**Fuel
Adapter**

Used to splash fill a tank with any fast fill nozzle.



R150SW

**Deep
Socket
Tool**

The R150SW, 2-1/2" deep socket tool is used to install new receivers and remove worn down or damaged receivers.



AB2

**Breakaway
Coupler**

Hose safety breakaway coupler with female NPT threads. Available in following sizes: 1", 1.25", 1.5", 2", 3", and 3.25"



FFF4C

**Weld-On
Flange**

Weld-on flange which provides a recessed, protected fill point. The flange has 2" female threads and accepts the R150S standard fuel receivers, R150CV, or PLA 150-M SV.



FFF5C

**Bolt-On
Flange**

Bolt-on flange which provides a recessed, protected fill point. The flange has 2" female threads and accepts the R150S standard fuel receivers, R150CV, or PLA 150-M SV. 5-5/16" x 7/16" bolt pattern.



SB100

**Service
Box**

Boxes can be configured to house any number or type of receivers. By consolidating the location of couplers, speed and safety are increased.





R150CVc

Check Valve Receiver

Our patented Check Valve Receiver allows fuel to flow in only one direction. Once installed, receivers can be replaced without draining the tank, spray back from poppet malfunction is eliminated, and fuel theft is minimized. The Check Valve Receiver is compatible with all major manufacturers' nozzles.



Max Operating Pressure

5.17 BAR
75 PSI

Safety

Eliminates potential fuel spray.

Construction

Nickel plated steel. Anodized aluminum.

Time Saving

Replace receiver without draining tank.

Economic

Prevents fuel theft.

Replacement Receiver



R150CVRc



R150CVSW

Check Valve Wrench

This Check Valve Installation wrench facilitates installation or removal of the R150CV. The open back design also allows it to be used with R150SW to install or remove the R150CVR.



R150Sc

Standard Receiver

Our standard diesel fuel receiver is made from solid steel and is nickel-plated to ensure a long service life. Designed to accommodate flow rates up to 800 LPM (211 GPM), Fast Fill Systems fuel receivers are completely compatible with all major manufacturers' diesel fuel nozzles. Available shutoff options: 7, 9, 11, and 12 PSI.



Max Operating Pressure

5.17 BAR
75 PSI

Compatibility

Compatible with all major fuel nozzle manufacturers.

Construction

Nickel plated steel. Anodized aluminum.

Durability

Aluminum poppets instead of plastic.

Customizable

Custom shut off pressures available.

Available in Aluminum



Fuel Vents

Standard diesel fuel vents are crucial to the performance of your fuel nozzle. A standard fuel system needs tank pressure to cause the nozzle to shutoff. Our all-metal construction fuel vents provide excellent durability and versatility with more than 100 different configurations available. A 2" NPT port on top of tank is required.



V150

Standard Fuel Vent

The basic fuel vent available with a standard 5", 7" (V150L7), and 12" (V150L12) stems.



V150D

Anti Vandalism Flange

Reduces fuel theft and tank vandalism. The under-side is threaded with bolt pattern on top which locks the vent in place. Bolts not included. Not compatible with V150W.



V150SR

Safety Relief Fuel Vent

Used with the V150 where additional over-fill relief is needed. A safety relief valve protects the tank from over filling if a nozzle fails. Opens tank when pressure hits over 13 PSI.



V150W

Whistle Adaptor

Whistles when tank reaches internal pressures of 5-7 PSI. This creates a clear signal to operator that nozzle should be shutting off.



V150A

Half Coupling

This vent is commonly used in retrofit applications where the required 2" NPT port did not exist (Requires welding). 2" FNPT steel half coupling included.



V150C

NPT Adaptor

Allows for easy hose attachment with a 1" FNPT swivel adaptor on the opening of the vent cap. This method is more durable and seals tighter than the hose barb attachment.



V150B

Bolt-on Flange

Commonly used where 2" NPT ports are not available. Drill and tapping is required. Bolt on 2" NPT flange included. Nitrile seal included, bolts are not.



V150H

High Flow Vent

Designed for fuel rates exceeding 150 GPM, capable of reaching 300 GPM. Compatible with all vent configurations.



Check Valve Filtered Fuel Vents

Protect your tank from atmospheric dust accumulation. The dual check valve system allows air to freely vent from the tank through the large vent check valve at rates up to 300 GPM, and directs all air entering the tank through the 3 micron filter media.



FFV150-PL

Direct Mount Filter Vent

1" NPT direct mount configuration of our filter vent.



FFV150-LP

Direct Mount Filter Vent

Low profile 1" NPT direct mount configuration of our filter vent.



FFV150

Remote Mount Filter Vent

Universal mounting bracket for easy installation. Used for remote mounting.



FFV150-HV VB

High Volume Vacuum Break

Vacuum break check valve for implosion protection. Discharges air at over 300 GPM. 2" Female NPT Inlet port. Vacuum break crack pressure: 1.5 PSI. Exhaust and breather check valve crack pressure: 0.25 PSI.



Standard Couplers

Crankcase
Coolant
Hydraulic
Transmission

Four widely used couplers have been the industry standard for decades. They were designed for transferring the primary fluids used on heavy equipment: Crankcase, Coolant, Hydraulic and Transmission fluids. Nozzle and receiver pairs only connect with their corresponding size and color.



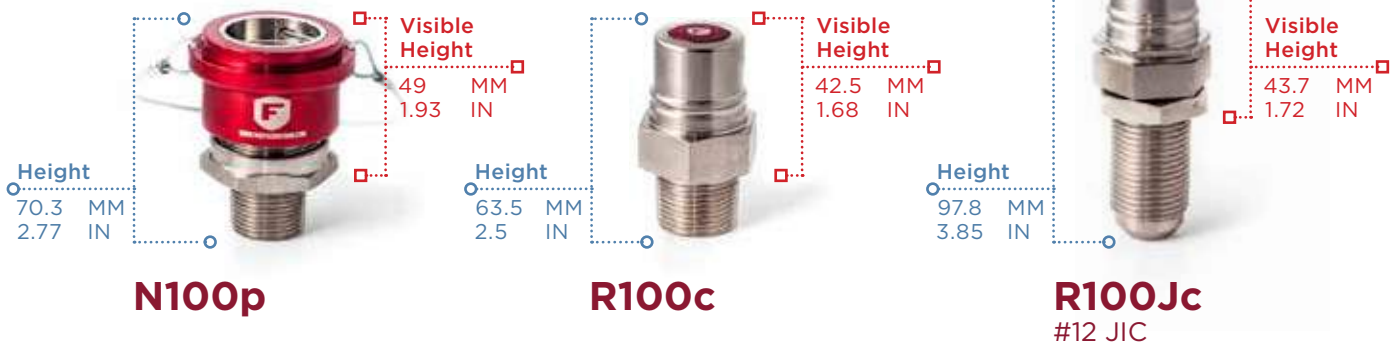
OS100

Oil Sampling Valve

The oil sampling valve is used with an existing crankcase line to allow oil samples to be drawn.



Crankcase



Operating Pressure		Burst Pressure		Flow Area		Nozzle Thread		Receiver Thread		Latching Mechanism
34.5	BAR	103.4	BAR	.3051	SQ IN	3/4"	MNPT	3/4"	MNPT	Pin latching
500	PSI	1500	PSI							



Coolant



Max Operating Pressure		Burst Pressure		Flow Area		Nozzle Thread		Receiver Thread		Latching Mechanism
34.5	BAR	103.4	BAR	.1122	SQ IN	1/2"	MNPT	1/2"	MNPT	Pin latching
500	PSI	1500	PSI							

#12 JIC Receivers

The bases on these receivers have extended JIC threads that can be fitted into a bulkhead. A female JIC hose can then be attached on the other side of the bulkhead.



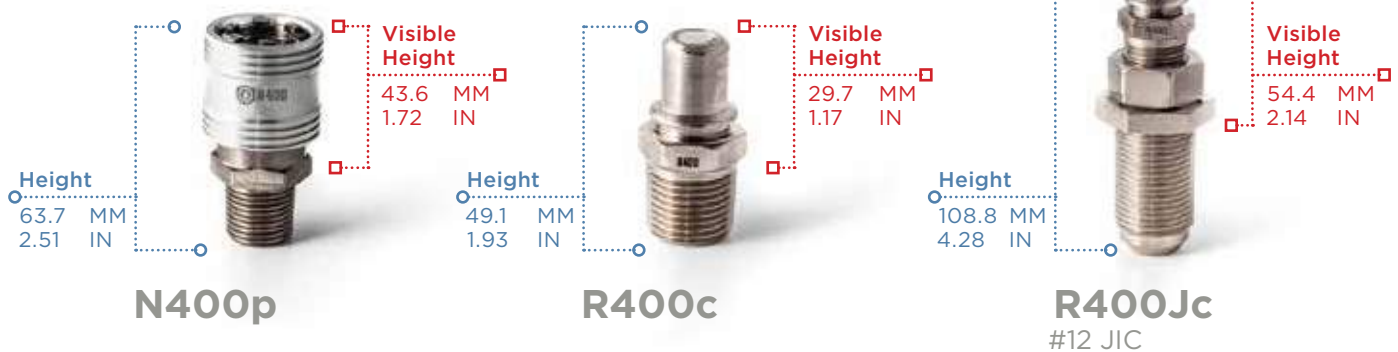
Hydraulic



Operating Pressure		Burst Pressure		Flow Area		Nozzle Thread		Receiver Thread		Latching Mechanism
34.5	BAR	103.4	BAR	.2212	SQ IN	3/4"	MNPT	3/4"	MNPT	Dog Teeth
500	PSI	1500	PSI	*.3051	SQ IN					*Ball Bearing



Transmission



Max Operating Pressure		Burst Pressure		Flow Area		Nozzle Thread		Receiver Thread		Latching Mechanism
34.5	BAR	103.4	BAR	.1136	SQ IN	1/2"	MNPT	1/2"	MNPT	Dog Teeth
500	PSI	1500	PSI							

R Series Couplers

Crankcase
Coolant
Hydraulic
 Transmission

Used for remote bulk-head mounting for common fluids. The receiver's dual threads are designed to allow bulk-head mounting using the male thread and connection of a hose to the leak-free female ORB thread. R series couplers DO NOT connect with Standard couplers.



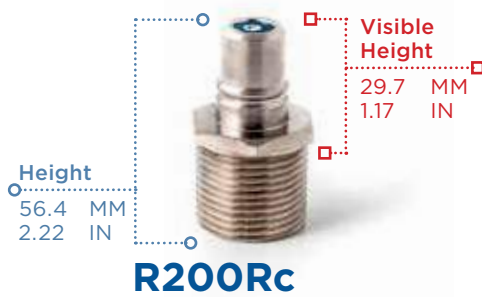
Crankcase



Operating Pressure		Burst Pressure		Flow Area		Nozzle Thread		Receiver Thread		Latching Mechanism
34.5	BAR	103.4	BAR	.3640	SQ IN	3/4"	FNPT	3/4"	FNPT	Ball Latching
500	PSI	1500	PSI							



Coolant



Max Operating Pressure		Burst Pressure		Flow Area		Nozzle Thread		Receiver Thread		Latching Mechanism
34.5	BAR	103.4	BAR	.1361	SQ IN	1/2"	FNPT	OD 1-3/16"	12 TPI	Ball Latching
500	PSI	1500	PSI					ID 7/8"	14 TPI	

Universal Couplers

Crankcase
Coolant
Hydraulic
Transmission

For both Crankcase and Coolant, these Universal Nozzles fit Standard and R-Series Crankcase and Coolant Receivers.



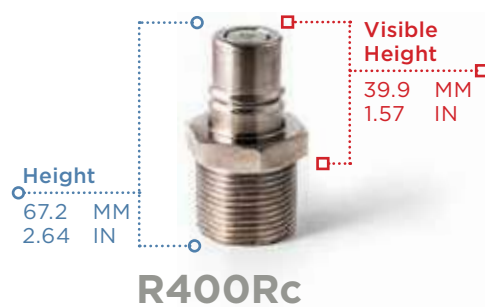
Hydraulic



Operating Pressure		Burst Pressure		Flow Area		Nozzle Thread		Receiver Thread		Latching Mechanism
34.5	BAR	103.4	BAR	.4207	SQ IN	3/4"	FNPT	3/4"	FNPT	Ball Latching
500	PSI	1500	PSI							



Transmission



Max Operating Pressure		Burst Pressure		Flow Area		Nozzle Thread		Receiver Thread		Latching Mechanism
34.5	BAR	103.4	BAR	.2285	SQ IN	3/4"	FNPT	OD 1-5/16"	12 TPI	Ball Latching
500	PSI	1500	PSI					ID 1-1/16"	12 TPI	



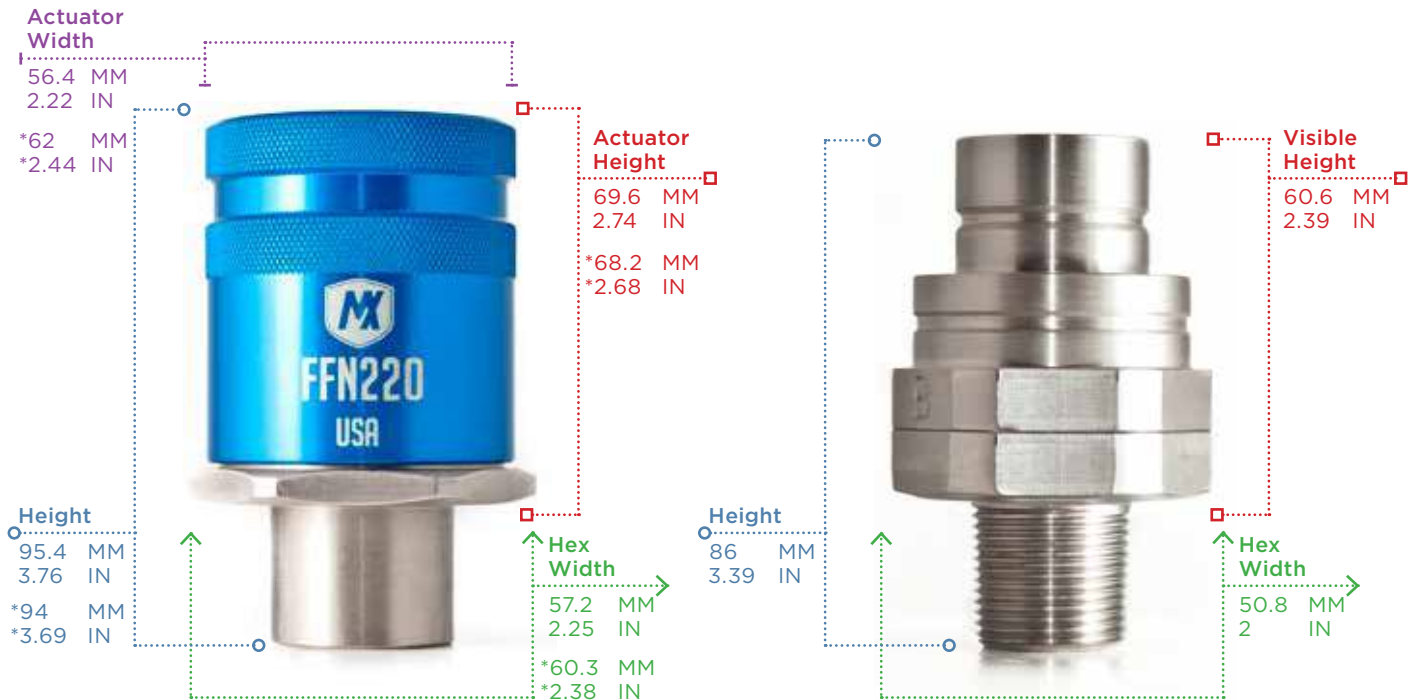
Flat Face Matrix 200 Series

Matrix Flat Face Couplers

The Matrix Flat Face coupling line is the ultimate solution in no-hassle, contaminate-free filling. The “Flat Face” surface on the nozzle allows ease in wiping the dust and dirt from the front end of the nozzle, before coupling, to ensure contaminant-free fluid delivery. The “Flat Face” series includes 13 color-coded nozzles and receivers designed to physically interlock with only their respective matching color.

FFET 290

One way evac tool acts as a master key to drain all receivers in Flat Face series.



FFN210	FFN220	FFN230	FFN240	FFN250	*FFN255	FFN260	*FFN265	FFN270	*FFN275	FFN280	*FFN285
FFR210	FFR220	FFR230	FFR240	FFR250	FFR255	FFR260	FFR265	FFR270	FFR275	FFR280	FFR285
GREEN	BLUE	PURPLE	GRAY	ORANGE	CLEAR	YELLOW	BROWN	RED	PINK	GOLD	GUNMETAL BLUE

Operating Pressure		3/4" Thread		Construction	JIC	Caps Recommended
103 BAR	1500 PSI	Nozzle	FNPT	Anodized aluminum. Nickel plated steel. Color coded and keyed to prevent cross contamination.	All receivers are capable of a JIC fitting.	
		Receiver	MNPT			

* Items marked are slightly different in size. Please refer to the measurements above for their sizes.



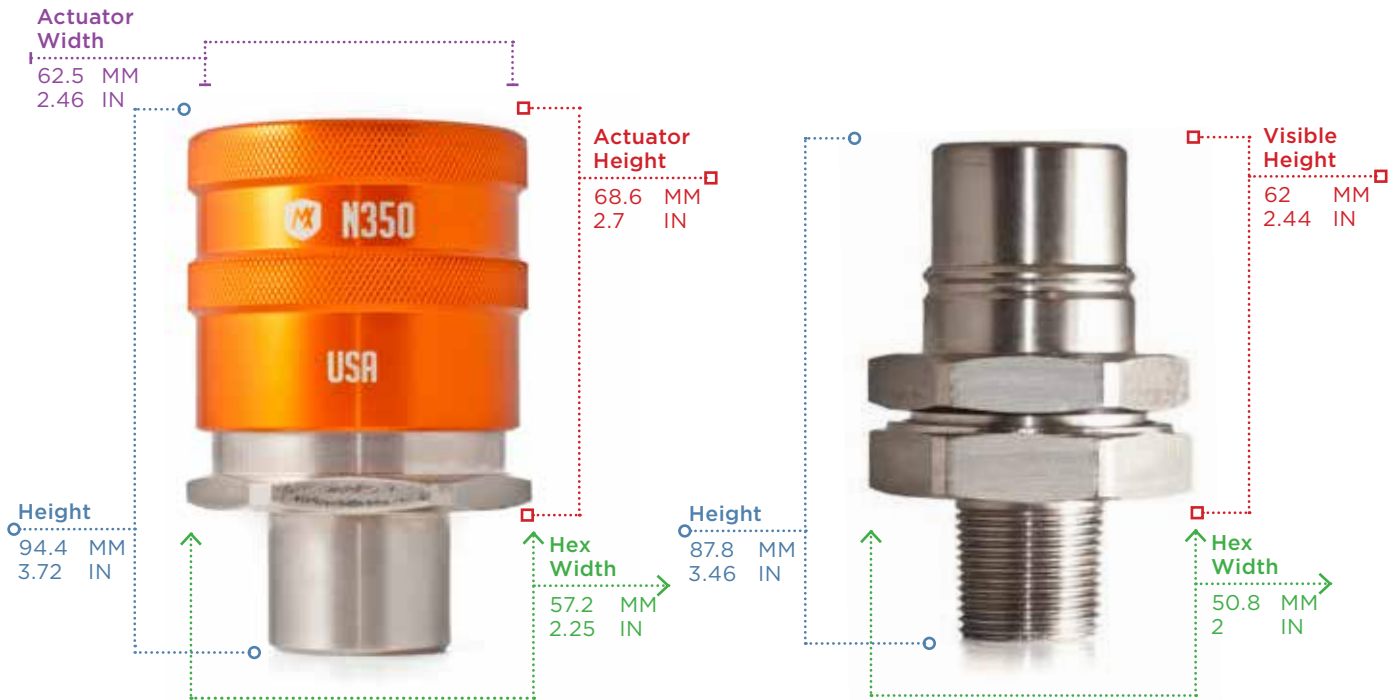
Matrix 300 Series

Matrix 34 Standard Couplers

Matrix 34 is a series of proprietary couplers designed to prevent cross-contamination of fluids. Matrix couplers work at a higher pressure and flow rate than standard couplers. Each of the 10 nozzles and receivers in the matrix line is color-coded and designed to physically interlock with only its matching color.

ET 290

One-way evac tool acts as a master key to drain all receivers in standard series.



Operating Pressure

103
1500

3/4: Thread

Nozzle FNPT
Receiver MNPT

Construction

Anodized aluminum. Nickel plated steel. Color coded and keyed to prevent cross contamination.

JIC

All receivers are capable of a JIC fitting.

Caps & Plugs Recommended





MX High Flow Series

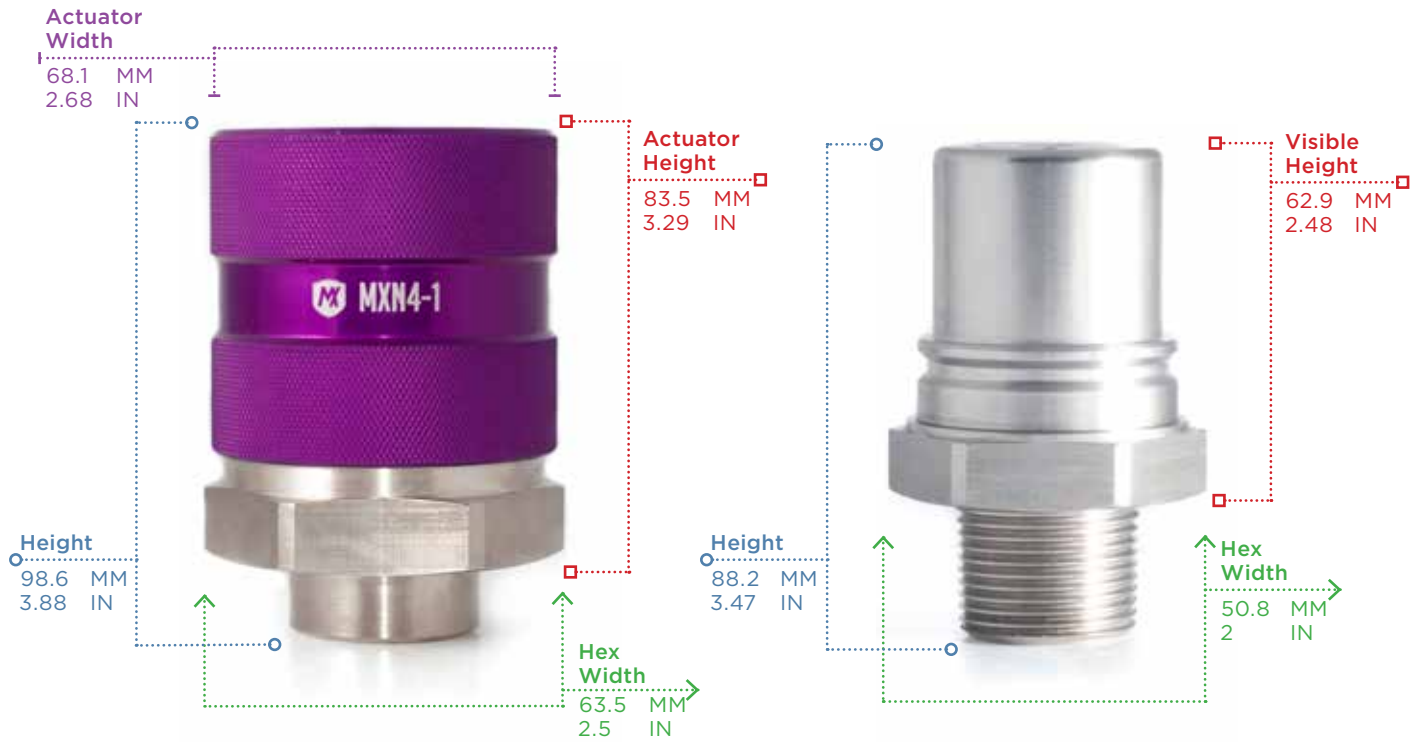
Matrix MX High Flow Couplers

Fast Fill Systems now offers the next generation of High Flow Dry-Break Couplers. Constructed from steel for sure latching and durability, the MX-Series comes in 7 different Nozzle-Receiver pairs that can only be connected to their matching colors, eliminating any possibility of cross-contamination. With a robust, grip enhancing actuating ring and solid aluminum caps and plugs, these 1" Dry-Break connectors have been engineered for more than just high flow rates; they are engineered to last!



MXET-1

Evac tool acts as a master key to drain all receivers in MX series.



- | | | | | | | |
|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| MXN1-1 | MXN2-1 | MXN3-1 | MXN4-1 | MXN5-1 | MXN6-1 | MXN7-1 |
| MXR1-1 | MXR2-1 | MXR3-1 | MXR4-1 | MXR5-1 | MXR6-1 | MXR7-1 |
| RED | YELLOW | TEAL | PURPLE | BLUE | COPPER | GREY |

Operating Pressure

34.5 BAR
500 PSI

1" Threads

Nozzle FNPT
Receiver MNPT

Construction

Anodized aluminum. Nickel plated steel. Color coded and keyed to prevent cross contamination.

Compatibility

Compatible with competitor 1" high flow connectors.

Caps & Plugs Recommended





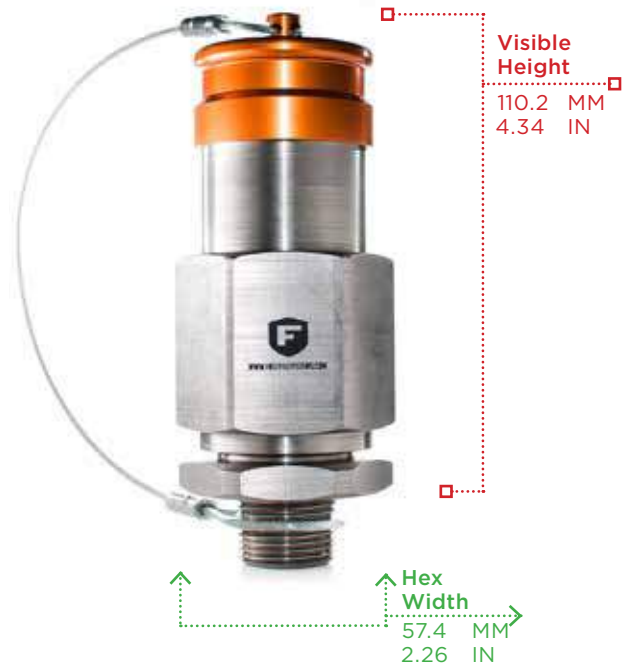
GN210 | GR210

Grease Matrix Couplers

The Grease Matrix is a revolutionary patent pending product. This is the first flat-face dry break coupler that will connect and disconnect while maintaining supply pressure. This bulk filling grease coupler will perform with greater efficiency and safety. The system will not allow grease transfer until the couplers are connected properly. This coupler is available in 3/4", with a maximum deadhead pressure of 5,000 PSI at the integrated ball valve.



***Not for use with pressurized or auto-shutoff systems.**



Operating Pressure

345 BAR
5000 PSI

3/4" Thread

Nozzle FNPT
Receiver MNPT

Construction

Nickel plated steel. Anodized aluminum.

Engineering

Dimple & groove guide system.

Engineering

Connects and disconnects under line pressure.

Caps & Plugs Recommended

