

WIGGINS JNX

Non-Pressurising Fast Fuelling System



COOPER
FLUID SYSTEMS



FLUID
POWER SERVICES



H.I.S.
HOSE



TORQUE
INDUSTRIES

Local Solutions. National Strength.

Overview

JNX non-pressurising diesel fast fuelling system

WIGGINS JNX – FAST, NON-PRESSURISING AND SAFE

The patented Wiggins non-pressurising JNX system is a technological advancement in diesel refuelling systems. It provides diesel refuelling at flow rates up to 1100 litres per minute* using conventional refuelling nozzles, and does not pressurise the fuel tank. The unique Fail-Shut system is reliable and safe, providing automatic shutoff that cannot be overridden and does not require an external power source.

FAIL-SHUT SYSTEM

The spring closed JNX shutoff valve can only be opened by a pressure signal from the jet level sensor. If for any reason the pressure signal is lost, the main valve closes, stopping the flow of fuel. The Fail-Shut system ensures overfilling of the tank is not possible, even in the event of the jet level sensor or signal hose failing.

EASY INSTALLATION

Wiggins JNX is compatible with conventional pressure sensitive fuel nozzles and uses external signal hoses, making JNX easy to install and maintain. It is available in both direct and remote fill configurations, suitable for almost any diesel refuelling application. The unique Wiggins jet level sensor does not have any moving parts to wear out and is thus extremely reliable.

FLOAT VALVE SYSTEMS - A COMPARISON

In comparison to the Fail-Shut Wiggins JNX system, traditional non-pressurising systems that use float valves are Fail-Open in their design. If refuelling is carried out with a faulty float valve or signal hose, fuel will continue to bleed past the required shutoff point. This prevents the pressure from equalising across the shutoff piston and the piston will remain open. Fuel will continue to flow, overfilling and pressurising the tank in proportion to the flow rate.

The higher the flow rate, the greater the spillage, pressure build-up, and potential risk of an environmental or catastrophic safety hazard.

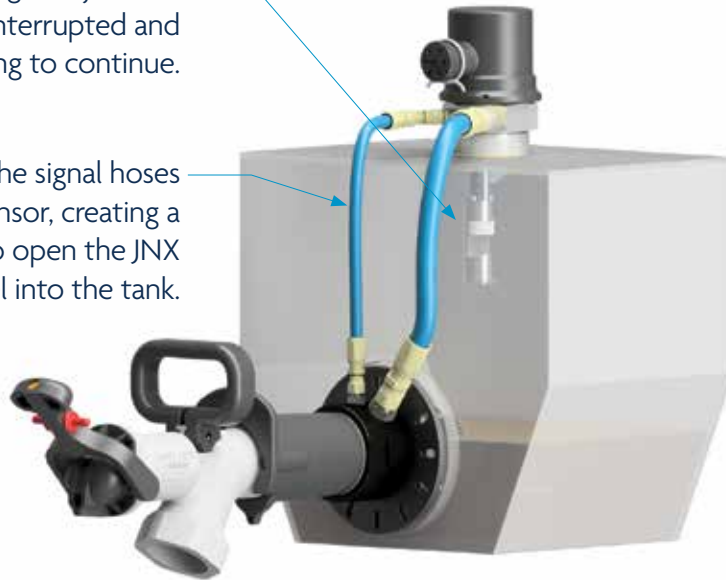


How It Works

Schematic Overview

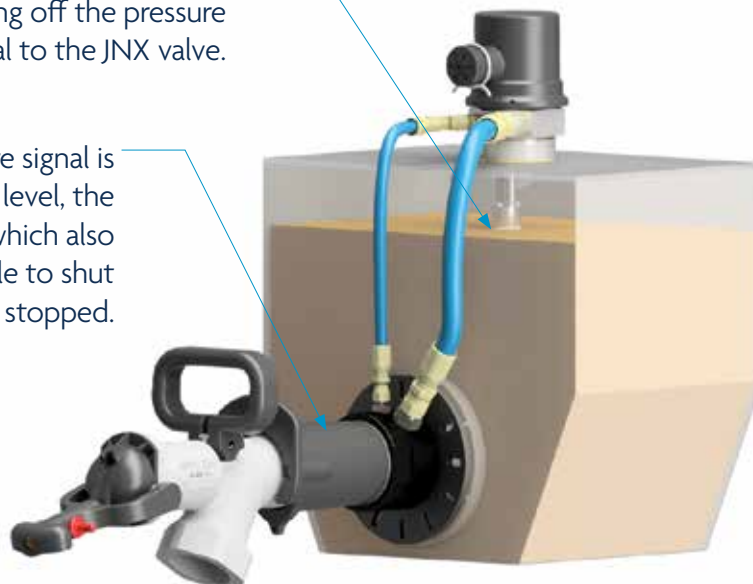
During fuelling, the jet level sensor is uninterrupted and allows fuelling to continue.

Fuel flows through the signal hoses and jet level sensor, creating a pressure signal to open the JNX valve and allow fuel into the tank.



When the fuel level is higher than the jet level sensor, the jet is interrupted, cutting off the pressure signal to the JNX valve.

When the pressure signal is cut off by the fuel level, the JNX valve closes, which also triggers the fuel nozzle to shut off, and the fuelling is stopped.



Fast- diesel refuelling at flow rates up to 1100 litres per minute*.

Non-Pressurising- no tank pressure required to shutoff refuelling.

Versatile- multiple configurations for direct and remote fill applications.

Dependable- refuelling shutoff is automatic and cannot be overridden.

Reliable- Jet Level sensor has no moving parts.

Fail-Shut- a constant signal is required to keep the shutoff valve open.

External Signal Hoses- easy to install and maintain.

Wiggins
SERVICE SYSTEMS

* Depending on system design, fuel nozzle and the receiver used.

JNX Shutoff Valve

The Fail-Shut JNX shutoff valve is the central component of the Wiggins JNX fast refuelling system. The spring closed main valve can only be opened by a pressure signal from the jet level sensor. If for any reason the pressure signal is lost, the main valve will close, stopping the flow of diesel into the tank. This design feature also eliminates the need for a separate check valve, in applications where the shutoff valve is directly mounted to the tank.

FAST REFUELLING

The fast fuelling shutoff valve can accommodate high diesel flow rates of up to 1100 litres per minute, depending on the system design and the type of fuel nozzle and receiver used.

NUMEROUS APPLICATIONS

The JNX shutoff valve is available in a range of configurations to suit numerous applications, including:

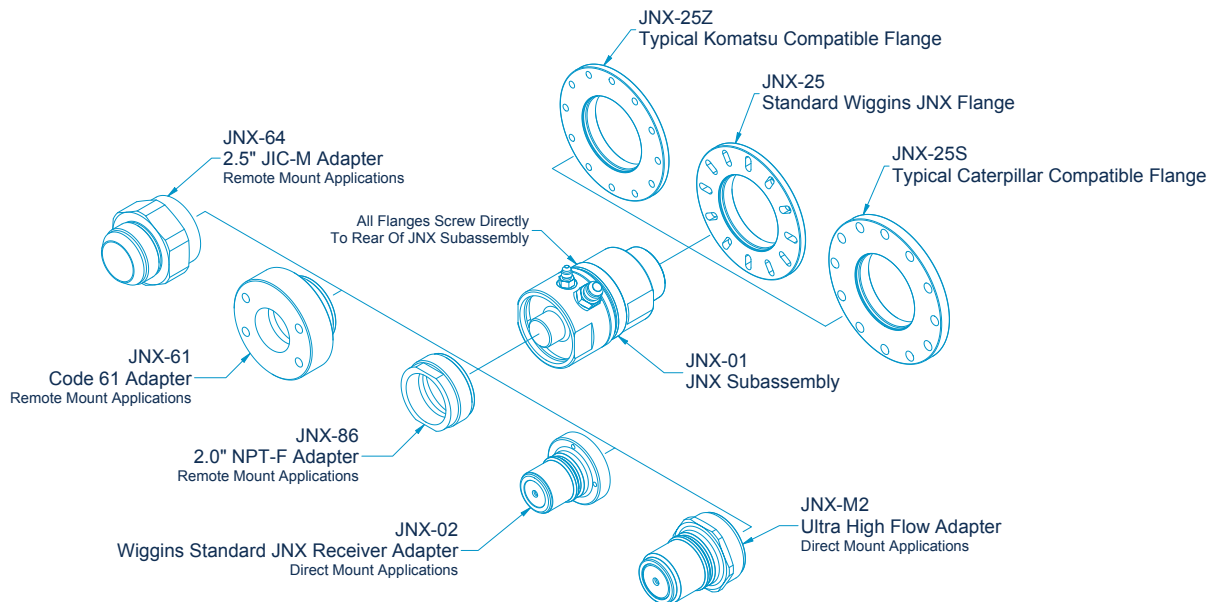
- ♦ mobile mining and construction equipment
 - haul trucks
 - service trucks
 - dozers
 - loaders
 - graders
 - excavators
 - drill rigs
- ♦ fuel storage tanks
- ♦ road and rail transport applications
- ♦ lighting towers
- ♦ generators and dewatering pumps



Flexible Options

Common JNX Shutoff Valve configurations

Simply select your required inlet adapter and tank mounting flange option to customise the shutoff valve that suits your needs.



- Other inlet adapter and flange mounting options are available.
- The JNX-01 subassembly has a 2" NPT (M) threaded outlet for direct mounting or pipe/hose connection if required.

Ordering your JNX Shutoff Valve

The Wiggins JNX shutoff valve can be supplied as an assembled unit, with your required inlet adapter and tank mounting flange option. All valve part number assemblies start with the JNX shutoff valve prefix (JNX-01), followed by the inlet adapter and flange part number suffix (as required).

JNX-01	-XX	-XX
Shutoff valve	Inlet Adapter	Flange (IF REQUIRED)

JNX-01-02

Shutoff valve (JNX-01) with ZN2 style receiver (-02) and standard 2" NPT (M) threaded outlet



JNX-01-02-25

Shutoff valve (JNX-01) with ZN2 style receiver (-02) and Wiggins 12 hole mounting flange (-25)



Standard Inlet Adapters

JNX Shutoff Valve

DIRECT & REMOTE FILL APPLICATIONS

Two standard receivers are available for direct fill applications, suited to the type of fuel nozzle used. For remote fill applications, four standard inlet adapters are available for the Wiggins JNX shutoff valve. Each adapter is suited to a different inlet setup, dependent on the hose and fittings used.

ADDITIONAL COMPONENTS

In addition to the standard range of inlet adapters, there are receivers, hose and fittings to support remote fuelling applications. Dust caps are also available to suit both standard and remote fill receivers. For further details, refer to the Additional System Components section at page 16.

JNX-02

- Standard receiver
- Direct mount applications
- Suits industry standard fuel nozzles (e.g. ZZ9A1 & ZZ9A2)
- Max flow rate of 800 L/min
- Dust Caps available to order
 - ◊ Wire loop (Part No. ZC-20EP)
 - ◊ Bolt lug (Part No. ZC-20BP)



JNX-M2

- Ultra high flow receiver
- Direct mount applications
- Suits ZZ9A3 fuel nozzle
- Max flow rate 1100 L/min
- Dust Caps available to order
 - ◊ Wire loop (Part No. ZC-30EP)
 - ◊ Bolt lug (Part No. ZC-30BP)



JNX-86B

- 2" BSP (F) adapter
- Remote mount applications



JNX-86

- 2" NPT (F) adapter
- Remote mount applications



JNX-61

- 2" Code 61 Flange adapter
- Remote mount applications



JNX-64

- 2 1/2" JIC (M) adapter
- Remote mount applications



Standard Tank Mounting Flanges

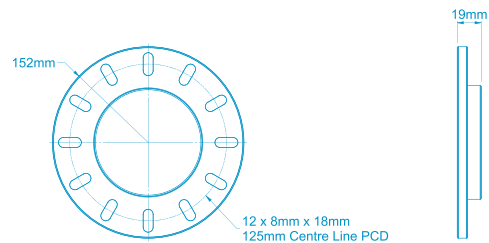
JNX Shutoff Valve

Three Wiggins bolt on tank mounting flanges are available for the Wiggins JNX shutoff valve. Each flange is provided with a 12 hole bolting pattern to simplify radial alignment of the shutoff valve, without compromising sealing of the flange joint.

An extended range of mounting flanges are available to support additional tank mounting requirements. For further details, please refer to the Additional System Components section at page 16.

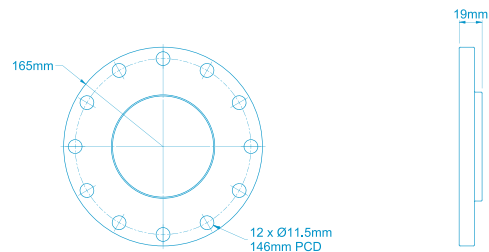
JNX-25

- 12 hole mounting flange
- O-ring to suit (when used with VR310-11 flange)- Part No. 240V70 - sold separately
- Gasket to suit- Part No. CFS40-03-109 - sold separately



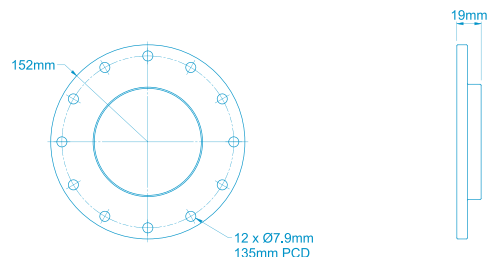
JNX-25S

- 12 hole mounting flange (suits most CAT machines with flanged fuel tank inlet)
- O-ring to suit- Part No. 246V70 - sold separately



JNX-25Z

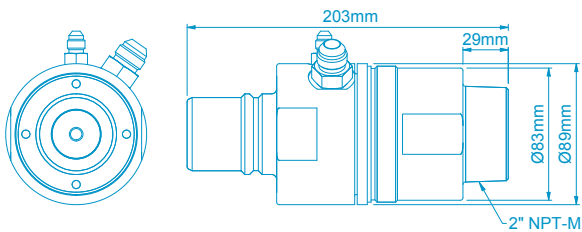
- 12 hole mounting flange (suits ZN3 receiver canister and most Komatsu machines with flanged fuel tank inlet)
- Gasket to suit- Part No. CFS40-03-039 - sold separately



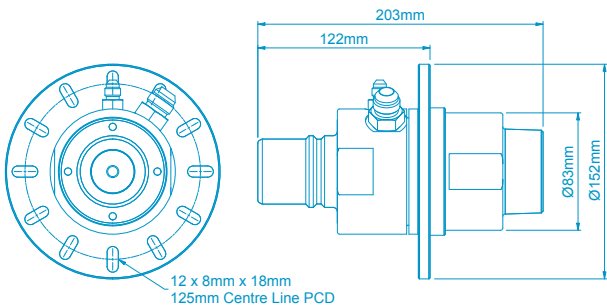
Common Assemblies and Dimensional Drawings

JNX Shutoff Valve

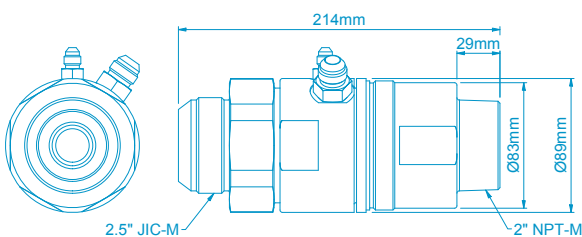
JNX-01-02



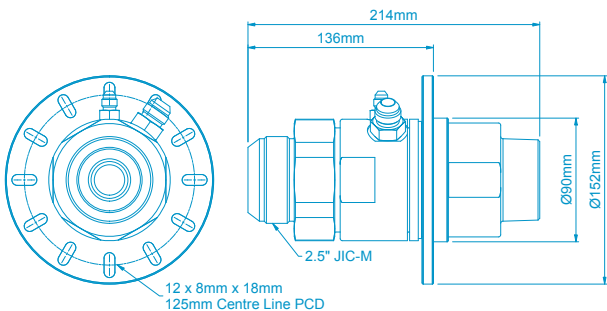
JNX-01-02-25



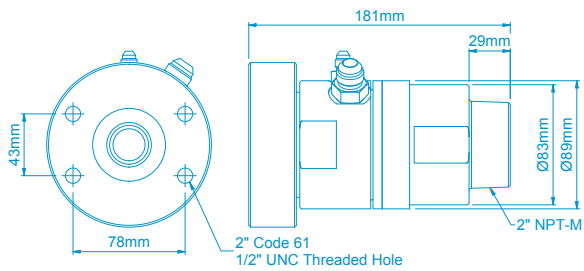
JNX-01-64



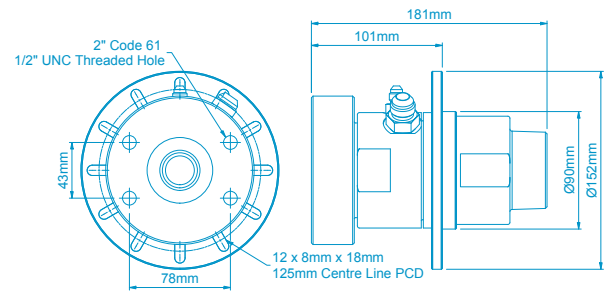
JNX-01-64-25



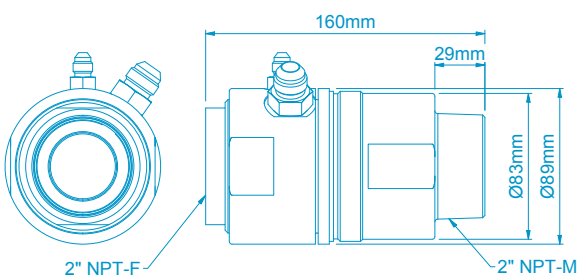
JNX-01-61



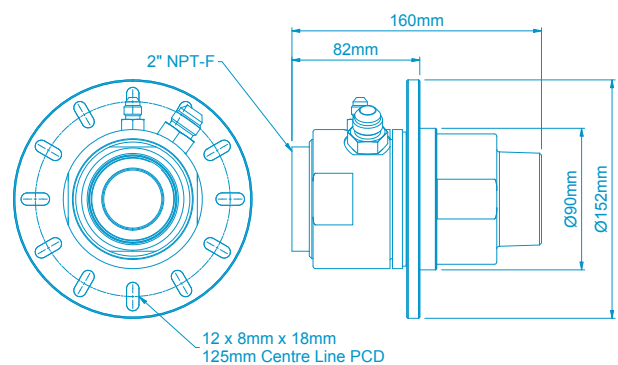
JNX-01-61-25



JNX-01-86



JNX-01-86-25



Jet Level Sensor / Vent Assemblies

The jet level sensor is mounted to the top of the diesel tank and controls the fuel shutoff level in the tank. When refuelling begins, diesel from the closed JNX shutoff valve is directed into the pilot line circuit. Diesel flows across the jet level sensor and returns a pressure signal to the JNX shutoff valve, via the return pilot line. This pressure signal opens the shutoff valve and allows fuel to flow into the tank.

CONTROLLED FUEL SHUTOFF

As the diesel level rises above the jet level sensor, the jet flow is interrupted. The pressure signal to the JNX shutoff valve is lost and the valve closes, stopping the flow of fuel into the tank.

NO MOVING PARTS

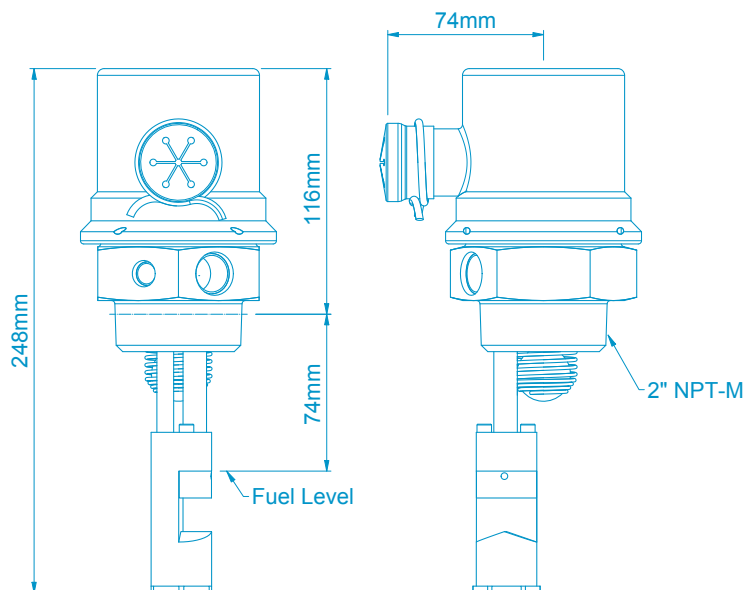
The Wiggins jet level sensor does not contain any moving parts and is extremely reliable. To prevent blockage by contaminants, a Y strainer is provided with each JNX shutoff valve, which should be installed in the pilot line circuit before the jet level sensor.

Jet level sensors are available as a vent assembly, as a vent assembly with an integrated air inlet filter and as a standalone jet sensor assembly.

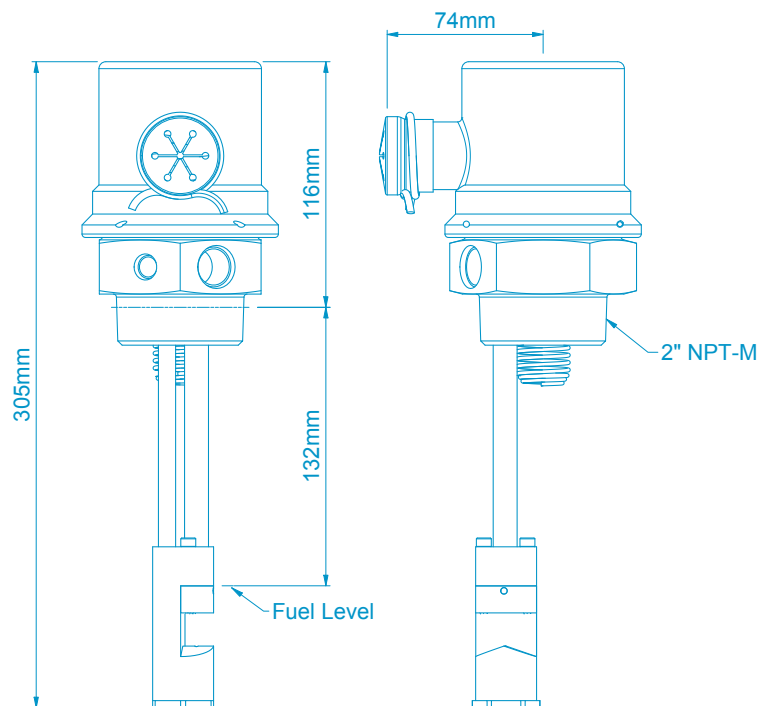
If required, non standard sensor lengths can be manufactured to suit specific requirements. Please contact us for further information.

- Vent assembly with integrated jet level sensor (JVX & JVXL)
- 3 PSIG relief valve
- Incorporates tilt, rollover and fuel surge protection
- 2" NPT (M) thread mount onto the tank
- ZV10NFB supplied as a vent only (no integrated jet level sensor)

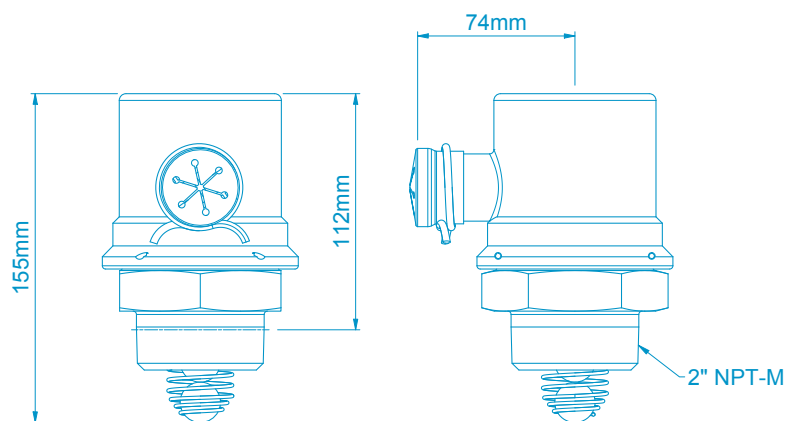
JVX



JVXL



ZV10NFB

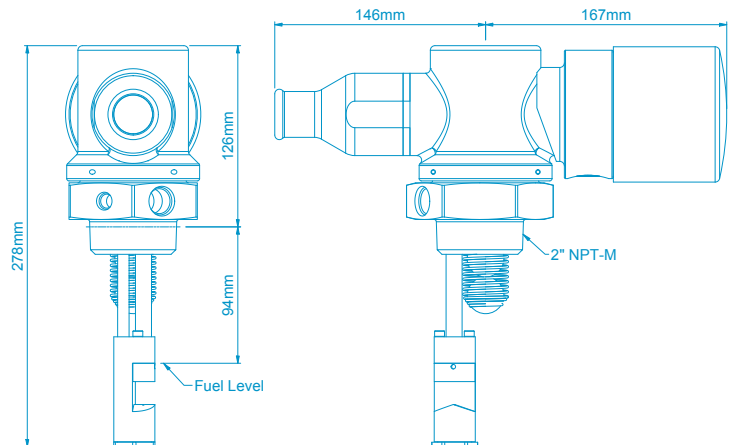


- Supplied as a vent only (no integrated jet level sensor)

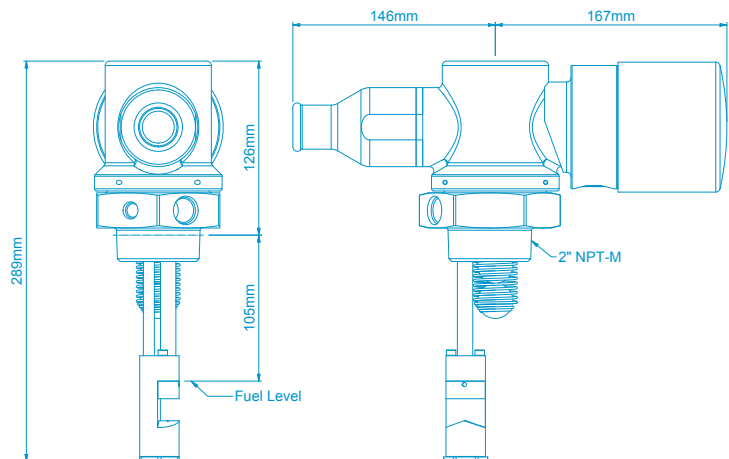
Vent Assemblies with Integrated Filter

- Vent assembly with integrated jet level sensor (JV23, JV23M & JV23L)
- 3 micron air inlet filter (Replacement Part No. ZV23-30)
- Increased bore stem ($\frac{3}{4}$ " for high flow applications)
- 3 PSIG relief valve
- Incorporates tilt, rollover and fuel surge protection
- Built in bypass and vacuum relief valves
- 2" NPT (M) thread mount onto the tank
- ZV23NFB supplied as a vent only (no integrated jet level sensor)

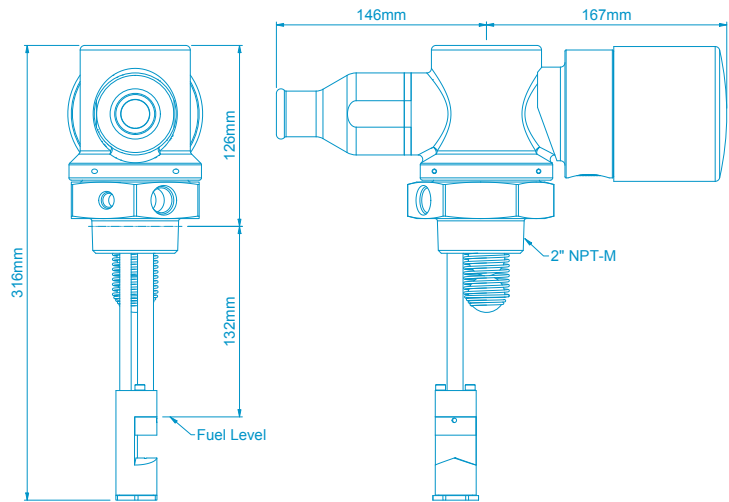
JV23



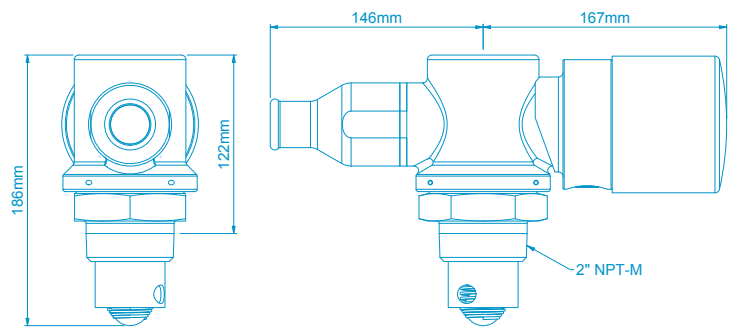
JV23M



JV23L



ZV23NFB

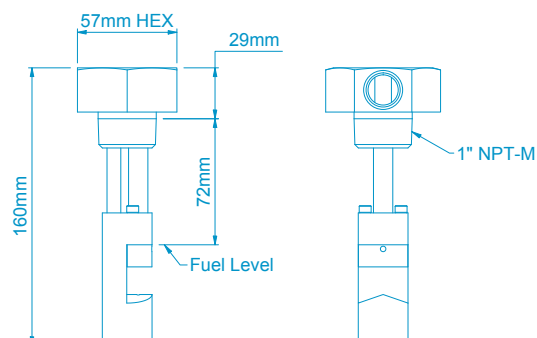


- Supplied as a vent only (no integrated jet level sensor)

Jet Sensor Assembly

- Jet sensor assembly for special applications (e.g. side tank mount)
- 1" NPT (M) mounting thread

VR306X



Refuelling Nozzles

Wiggins refuelling nozzles are lightweight, tough and easy to maintain.

Three different diesel refuelling nozzles are available, to suit a range of fill rates and applications. All nozzles are manufactured to exacting standards, feature pressure sensitive shutoff and have field replaceable components. Inlet swivels are also available for each nozzle, to accommodate different hose sizes.

A dependable and durable 'Elast-O-Dog' elastomer coupling system reduces wear and

impact damage on matching receivers and eliminates the risk of coupling lock-up in dusty conditions.

A key feature of Wiggins nozzles is they maintain a constant shutoff pressure throughout their rated flow range. This ensures one standard nozzle is suitable for a wide range of applications, minimises the risk of premature nozzle shutoff, and eliminates the need to use multiple nozzles with different spring tensions.

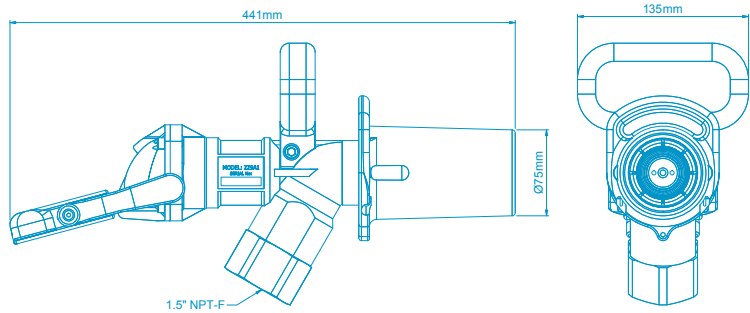
2mm

135mm

Ø75mm

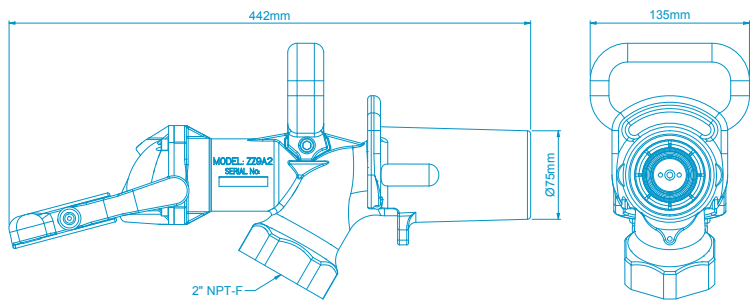
SS-1MP-2

ZZ9A1



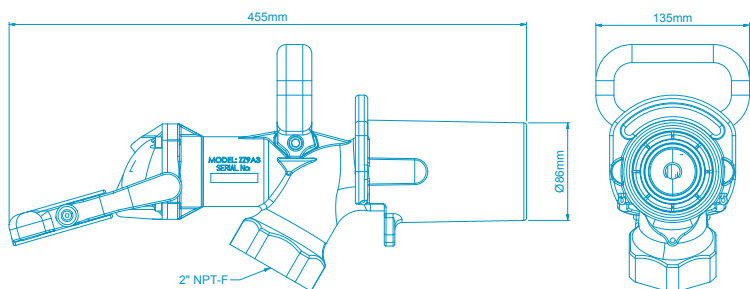
- Industry standard refuelling nozzle
- Max flow rate = 600 L/min
- 1 ½" NPT (F) inlet thread
- Field replaceable components
- Weight = 2.56 kg

ZZ9A2



- High flow refuelling nozzle
- Max flow rate = 800 L/min
- 2" NPT (F) inlet thread
- Field replaceable components
- Weight = 2.77 kg

ZZ9A3










- Ultra high flow refuelling nozzle
- High shutoff pressure nozzle designed for use with large fuel service trucks and excavators
- Max flow rate = 1100 L/min
- Only compatible with the Wiggins M2 and M2R receivers
- 2" NPT (F) inlet thread
- Weight - 2.88 kg

Additional System Components

An extensive range of system components are available, to support installation of the Wiggins JNX system across numerous applications. Components used for many installation configurations are featured, however please contact us to discuss any additional or custom component requirements.

PILOT LINE HOSES	
	
FC300-04	FC300-08
-04 Pilot Line (R5) Hydraulic Hose - WP 3000PSI	-08 Pilot Line (R5) Hydraulic Hose - WP 2000PSI

PILOT LINE FITTINGS							
							
Hose	Straight Hose Tail	45° Hose Tail	90° Hose Tail	Straight Adaptor	45° Elbow	90° Elbow	Bulkhead Fitting
FC300-04	4411-4S	190297-4S	190296-4S	202702-4-4S	2070-4-4S	2071-4-4S	2041-4-4S
	7/16" JIC (F) Reusable Fitting	7/16" JIC (F) Reusable Fitting	7/16" JIC (F) Reusable Fitting	7/16" UNO (M) to 7/16" JIC (M)	7/16" JIC (M) to 7/16" JIC (F)	7/16" JIC (M) to 7/16" JIC (F)	7/16" JIC (M) to 7/16" JIC (M)
FC300-08	4411-8S	190297-8S	190296-8S	202702-8-8S	2070-8-8S	2071-8-8S	2041-8-8S
	3/4" JIC (F) Reusable Fitting	3/4" JIC (F) Reusable Fitting	3/4" JIC (F) Reusable Fitting	3/4" UNO (M) to 3/4" JIC (M)	3/4" JIC (M) to 3/4" JIC (F)	3/4" JIC (M) to 3/4" JIC (F)	3/4" JIC (M) to 3/4" JIC (M)

	PILOT LINE KIT	
	CFS-JNX-PL-KIT	
	QTY	Part No.
	2	4411-4S
	2	4411-8S
	2	2070-4-4S
	2	2070-8-8S
	2	2071-4-4S
	2	2071-8-8S
	1	202702-4-4S
	1	202702-8-8S

HOSE MOUNTING & PROTECTION

						
Hose Size	Support Clamp	Heavy Support Clamp	HDPE Hose Protection Wrap	Burst Protection Sleeve	Fire Protection Sleeve	Fire & Burst Protection Sleeve Clamp
FC300-04	900729-1	6141030135	CFS-SGX16	FF90754-79	624-11	FF9217-0622S
FC300-08	900729-4	6141040190	CFS-SGX20	FF90754-98	624-16	FF9217-0622S
IVALO32	900729-12	6141060445	CFS-SGX50			
FC300-32	900729-14	6141060570	CFS-SGX63	FF90754-366	624-38	FF9217-0648S
FC300-40	900729-16	6141070730	CFS-SGX75			

MOUNTING MAGNET



NL-01-A3-045

Ø40mm Magnet Base with M10 Male Thread
(for Mounting Support Clamps)

OVERFLOW HOSE



IVALO32

1 ¼" Wire Coil Push On Overflow
Breather Hose



42-400-045

Stainless Steel T-bolt Hose Clamp
(suits 1 ¼" Overflow Breather Hose)

Receivers, Transfer Hose & Fittings

Additional System Components

REMOTE MOUNT RECEIVERS

JNC2A

- For remote mount applications
- Max flow rate = 800 L/min
- 2" NPT (M) thread
- Extra light spring to suit non-pressurising systems
- Includes protective dust cap
- Replacement caps available
 - ◊ Wire loop (Part No. ZC-20EP)
 - ◊ Bolt lug (Part No. ZC-20BP)



JNX-M2R

- For remote mount applications
- Max flow rate = 1100 L/min
- 2" NPT (M) thread
- Extra light spring to suit non-pressurising systems
- Includes protective dust cap
- Replacement caps available
 - ◊ Wire loop (Part No. ZC30-EP)
 - ◊ Bolt lug (Part No. ZC-30P)



TRANSFER HOSE

FC300-32



-32 Transfer & Supply (R5) Hydraulic Hose-
WP 300PSI

4411-32S



2 1/2" JIC (F) Straight Reusable Fitting (suits
-32 Transfer & Supply (R5) Hose)

4775-32S



2" Code 61 Flange Straight Reusable Fitting
(suits -32 Transfer & Supply (R5) Hose)

HIGH FLOW TRANSFER HOSE

FC300-40



-40 Transfer & Supply (R5) Hydraulic Hose
- WP 300PSI

411-40S



3" JIC (F) Straight Reusable Fitting (suits -40
Transfer & Supply (R5) Hose)



Transfer Hose Fittings

Additional System Components

AIFS-32



2" Code 61 Flange Split Clamp (Pair)

A6JIB4832



2" Code 61 Flange to 3" JIC (M) 45° Sweeping Elbow

A6JIC4832



2" Code 61 Flange to 3" JIC (M) 90° Sweeping Elbow

A6JIB4032



2" Code 61 Flange to 2 1/2" JIC (M) 45° Sweeping Elbow

A6JIC4032



2" Code 61 Flange to 2 1/2" JIC (M) 90° Sweeping Elbow

A6NNFB3232



2" NPT (M) to 2" NPT (F) 45° Sweeping Elbow

A6NNFC3232



2" NPT (M) to 2" NPT (F) 90° Sweeping Elbow

2021-32-32S



2" NPT (M) to 2 1/2" JIC (M) Adapter

A5NJ3248



2" NPT (M) to 3" JIC (M) Adapter

A5HJJ4840



2 1/2" JIC (F) to 3" JIC (M) Adapter

A6NFIB3232



2" Code 61 Flange to 2" NPT (F) 45° Sweeping Elbow

A6NFIC3232

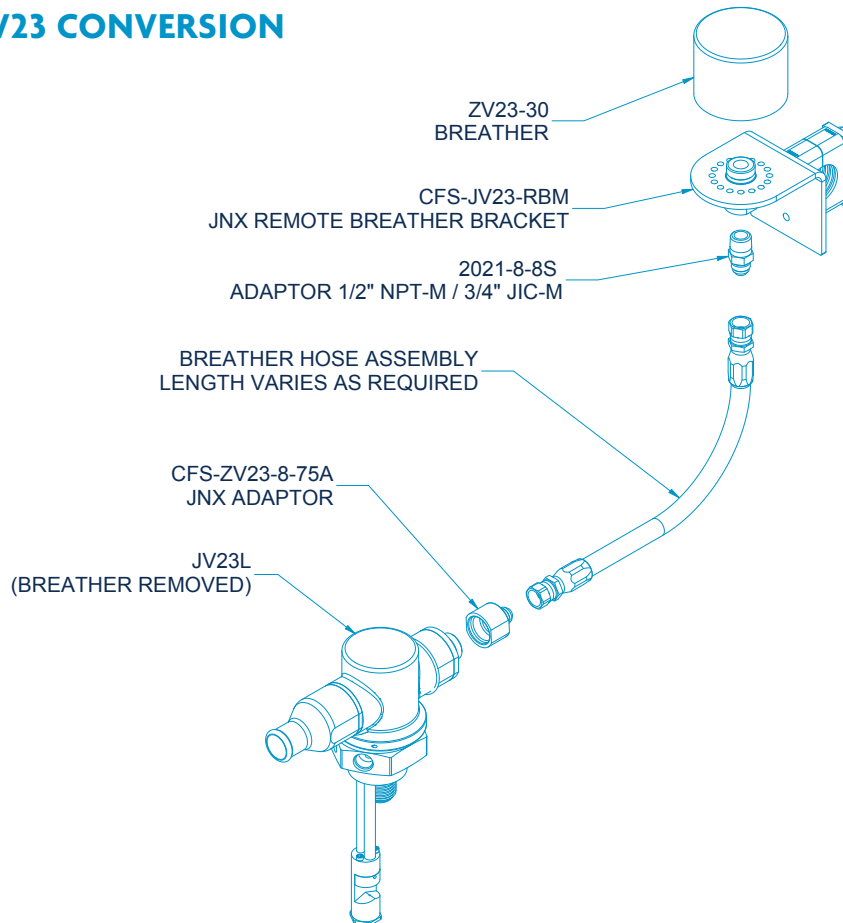


2" Code 61 Flange to 2" NPT (F) 90° Sweeping Elbow

Remote Breather Components

Additional System Components

EXAMPLE JV23 CONVERSION



CFS-ZV23-8-75A



Remote Filter Adapter (for Vent Assemblies with Filter) to 3/4" JIC (M)

CFS-JV23-RBM



Mounting Bracket for ZV23-30 Remote Filter Breather

2021-8-8S



1/2" NPT (M) to 3/4" JIC (M) Straight Connector

JV23L-B-ADAPTOR



Remote Filter Adapter (for Vent Assemblies with Filter) to 1 1/4" NPT (F)

A6SGA3232



1 1/4" BSPT (M) to 1 1/4" Push On Barbed Hose Fitting

BREATHER HOSE ASSEMBLY

Suggest use Pilot Line Hose (FC300-08) and associated fittings for remote breather hose requirements, as shown in the Pilot Line Hoses & Fittings tables (page 16).

Code 61
d Hole



12 x 8mm x 18mm
125mm Centre Line PCD

Assorted Components

Additional System Components

JNX-27



JNX Pilot Line Strainer (1 unit is included with every JNX-01 purchased)

JNX-75



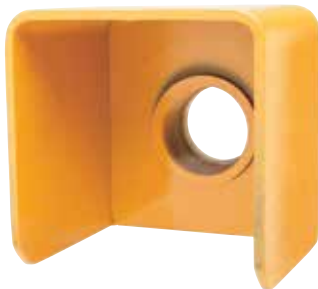
2" NPT (M) to 2" NPT (F) Wiggins Adapter to Mount JNX Shutoff Valve in ZN3/4 Canisters

F21A19



2" Code 61 Flange to 2" NPT (F) Adapter

CFS-JNX-JNC2A-SHRD-NPT



Remote Receiver Mounting Bracket with 2" NPT (F) Outlet

CFS-JNX-JNC2A-SHRD



Remote Receiver Mounting Bracket with 2" Code 61 Flange Outlet

ZN3L-20-025



Wiggins Bolt-On Receiver Canister With 2" NPT (F) Full Coupling

ZN4L-20-025



Wiggins Weld On Receiver Canister With 2" NPT (F) Full Coupling

VR310-11



- Weld On Flange to Mount Wiggins JNX-25 Flanged Assemblies
- O-ring to suit- Part No. 240V70 (sold separately)

HS-1



Weld In Half Socket (for Mounting Wiggins Breather/Jet Sensor Assemblies)

A85FNN3232



Weld In Full Socket

CFS40-FL-JVXL-DOZER-CAT



- Flange to Mount Wiggins Breather/Jet Sensor (suits most CAT) - 120mm PCD
- O-ring to suit- Part No. 240V70 (sold separately)

CFS40-03-043



- Flange to Mount Wiggins JNX Assemblies (Suits CAT 16M) - 146mm PCD
- Gasket to suit- Part No. CFS40-03-116 (sold separately)

CFS-JNX-16M3-ADP



- Flange to Mount Wiggins JNX Assemblies (Suits CAT 16M3 & 18M3) - 146mm PCD
- O-ring to suit- Part No. 246V70 (sold separately)

COOF-0174



- Flange to Mount Wiggins JNX Assemblies (Suits Liebherr 9600 & 996) - 135mm PCD
- O-ring to suit- Part No. 238V70 (sold separately)

CFS40-03-096



- Flange to Mount Wiggins JNX-25Z Flanged Assemblies (Suits Komatsu 830 & 930E) - 223mm PCD
- Gasket to suit- Part No. CFS40-03-108 (sold separately)

CFS-JNX-EX5600-ADP



- Tank Mounting Components for Wiggins JNX-01-86 Assemblies to suit Hitachi EX5600
- O-ring to suit- Part No. 228V70 (sold separately)

ZV23-30



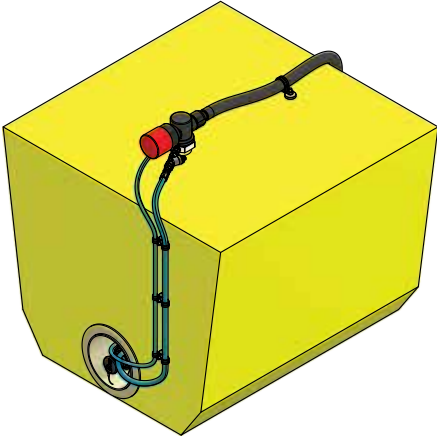
- Replacement 3 micron filter element for JV23 jet sensor vents

Machine Kits


A machine kit provides all the parts required to perform a complete system installation, from the JNX shutoff valve to pilot hoses and fittings. Each kit contains a bill of materials and general arrangement drawing, to further simplify the installation process.

Kits are available for a wide range of equipment types, including drill rigs, haul trucks, dozers, wheel loaders, excavators and graders. Speak to your local representative about the required machine kit for your needs.

EXAMPLE HAUL TRUCK BOM



ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	JNX-01-02-25	Shutoff valve (JNX-01) with ZN2 style receiver (02) and standard 2" NPT (M) threaded outlet
2	1	JV23L	Wiggins High-Flow Vent, Cbr Jet sensor & 3 micron filter (Long)
3	1	CFS-JNX-PL-KIT	Standard JNX Pilot Line Filling Kit
4	2m	FC300-04	04 Pilot Line (R5) Hydraulic Hose - WP 3000PSI
5	2m	FC300-08	08 Pilot Line (R5) Hydraulic Hose - WP 3000PSI
6	2m	IVAL032	1 1/2" Wire Coil Push On Overflow Breather Hose
7	6	NL-01-A3-045	Mag Base Ø40mm M10 Male Thread
8	1	42-400-045	42mm - 45mm Semi S/S Super Clamp T-Bolt
9	3	600729-1	0.50" Support Clamp
10	3	600729-4	0.75" Support Clamp
11	3	600729-12	1.75" Support Clamp
12	1	CF340-03-109	Gasket
13	1	JNX-27	Wiggins Y-Strainer - included with JNX-01 Valve



THIRD ANGLE PROJECTION

JOB No. **CFS40**

SHEET **A2**

MATERIAL:

WEIGHT:

This Drawing is the property of Cooper Fluid Systems (CFS) and is Private & Confidential. It is protected by copyright and is non-transferable. It is illegal to copy, communicate and/or disseminate this drawing to a third party without written permission from the Divisional Manager CFS. Any infringement will be prosecuted under Australian and International Law.

CFS is a division of Coventry Group

Notes:

2. The JV23L may reduce the tank's capacity, to improve the tank capacity replace with either a JV23 or JV23M

1. This Drawing is a guide ONLY. Refer to actual machine for correct detail

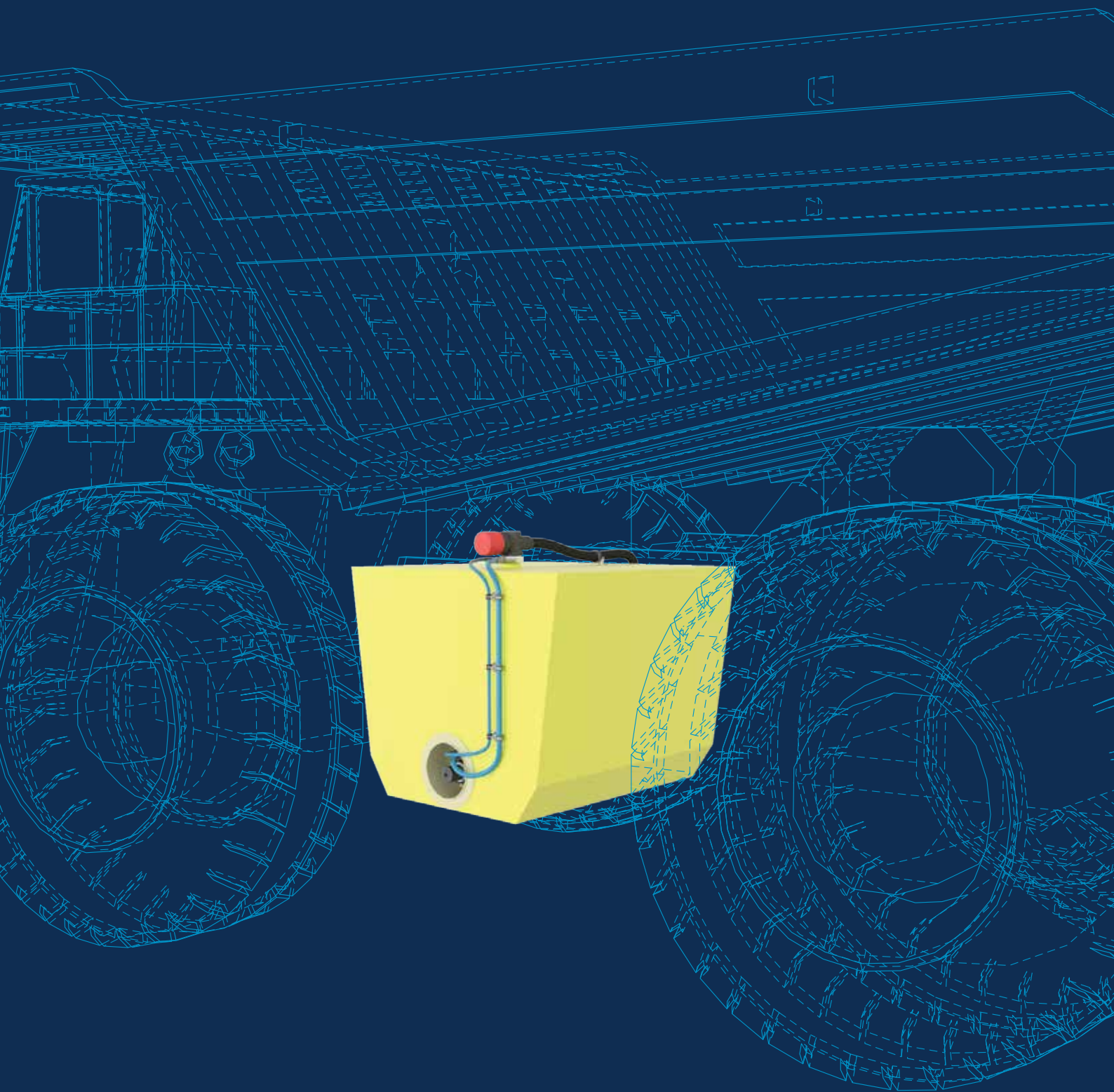
COOPER FLUID SYSTEMS

CFS

EXAMPLE ONLY - HAUL TRUCK - JNX DIRECT FILL INSTALL

SCALE: NTS SIZE: DRG No. EXAMPLE ONLY

REV: A



National Network

QLD

BRISBANE (HEAD OFFICE)

152 Cobalt Street, Carole Park QLD 4300
Phone: (07) 3258 7222
Email: cfsbrisbane@cfs.cgl.com.au

GLADSTONE

42 Chapple Street, Gladstone QLD 4680
Phone: (07) 4972 6725
Email: cfsgladstone@cfs.cgl.com.au

MACKAY

8 Michelmores Street, Paget QLD 4740
Phone: (07) 4952 4844
Email: cfsmackay@cfs.cgl.com.au

TOOWOOMBA

18 Mansell Street, Toowoomba QLD 4350
Phone: (07) 4633 3000
Email: cfsstoowoomba@cfs.cgl.com.au

TOWNSVILLE

38 Toll Street, Bohle QLD 4818
Phone: (07) 4774 3455
Email: cfstownsville@cfs.cgl.com.au

NSW

HUNTER VALLEY

70 Mustang Drive, Rutherford NSW 2320
Phone: (02) 4041 6330
Email: cfshuntervalley@cfs.cgl.com.au

SA

ADELAIDE

19 Indama Street, Regency Park SA 5010
Phone: (08) 8341 0177
Email: cfsadelaide@cfs.cgl.com.au

TAS

FLUID POWER SERVICES DEVONPORT

25 Stony Rise Road, Spreyton TAS 7310
Phone: (03) 6423 1110
Email: admin@fps.com.au

VIC

H.I.S. HOSE CAMPBELLFIELD

169-171 Northbourne Road, Campbellfield VIC 3061
Phone: (03) 9305 4600
Email: campbellfieldsales@hishose.com.au

H.I.S. HOSE DANDENONG

132-134 South Park Drive, Dandenong South VIC 3175
Phone: (03) 9794 9299
Email: dandenongsales@hishose.com.au

H.I.S. HOSE SUNSHINE WEST

28 Spencer Street, Sunshine West VIC 3020
Phone: (03) 8311 7400
Email: sunshinesales@hishose.com.au

WA

PERTH

25 Redcliffe Road, Redcliffe WA 6104
Phone: (08) 6272 5333
Email: cfsperth@cfs.cgl.com.au

KALGOORLIE

16 Atbara Street, Kalgoorlie WA 6430
Phone: (08) 9021 4000
Email: cfskalgoorlie@cfs.cgl.com.au

NEWMAN

26D Woodstock Street, Newman WA 6753
Phone: (08) 6272 5333
Email: cfsnewman@cfs.cgl.com.au

PORT HEDLAND

3/2 Steel Loop, Wedgefield WA 6721
Phone: (08) 9158 9900
Email: cfsporthedland@cfs.cgl.com.au



COOPER

FLUID SYSTEMS



Local Solutions. National Strength.

cooperfluidsystems.com.au - 1300 026 673 - A Division of Coventry Group Ltd. ABN 37 008 670 102

Every effort is made to ensure all content is accurate at the time of printing however Cooper Fluid Systems reserve the right to correct any printing errors and omissions. Any information in this catalogue can be changed due to product amendments without prior notice. Images and drawings used are for illustrative purposes. Due to the printing process, colours may vary to the actual item. All sizes shown are approximate only and accessories shown with the product are not included unless specified. Any reproduction is prohibited without prior written approval.