

Компоненты заправочных станций

Cowell Machinery

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Единый адрес для всех регионов: crw@nt-rt.ru || www.cowell.nt-rt.ru

TD-20A(C) Automatic Nozzle

Description

TD-20A Automatic Nozzles are made of alloy aluminum and designed with customers' demand in mind. Small, trim, light weight, easy and convenient to use. It also has stainless steel material for option.

TD-20C Automatic nozzle is improved on base of TD-20A nozzle, with advantage of easy control on low flow rate and automatic shut-off when spout points to horizon. It can well meet EN131012 European standard.



TD-20A(C) Automatic Nozzle

Technical Specification

Inlet Thread:	BSPF/NPT 3/4"
Diameter of spout:	13/16" & 15/16"
Color of insulator:	red/green/blue/yellow/black

Package Data

Package:	10pcs/carton
Net Weight:	13kgs
Gross Weight:	14kgs
Dimension:	420 × 340 × 400mm

TD-11B Automatic Nozzle

Description

TD-11B Automatic Nozzles are designed specially for self-service pre-pay of card-lock system to help prevent gasoline spills. The nozzle can not be opened until the pumping system is pressurized and closes automatically when the pressure is removed. This means the TD-11B is closed when placed back to the dispenser.

Accurate flow control allows your customers to top off their tank to the exact amount they want, It's easy to stop gasoline flow precisely.



TD-11B Automatic Nozzle

Technical Specification

Inlet Thread:	BSPF/NPT 3/4"
Diameter of spout:	13/16" & 15/16"
Color of insulator:	red/green/blue/yellow/black

Package Data

Package:	10pcs/carton
Net Weight:	13kgs
Gross Weight :	14kgs
Dimension:	420 × 340 × 400mm

MD-120 Automatic Nozzle

Description

Heavy duty high-flow nozzle, for fueling to truck, bus .
 Low cost, long life and durability.
 High flow nozzle can help increase your productivity, sales and profits.



MD-120 Automatic Nozzle

Technical Specification

Inlet Thread:	BSPF/NPT 1 "
Diameter of spout:	1 1/16" & 1 3/16"
Color of insulator:	red/green/blue/yellow/black

Package Data

Package:	10pcs/carton
Net Weight:	17kgs
Gross Weight :	18kgs
Dimension:	420×340×400mm

TD-20A1(A2) Automatic Nozzle

Description

TD-20A1 Automatic nozzle is improved from TD-20A nozzle, designed with Farm&home customers in Mind, with advantage of high flow rate, easy hung. It is ideal nozzle for electric transfer pump on farm and home use.

TD-20A2 Automatic nozzle is improved from TD-20A nozzle, the spout is fixed on the nozzle body with three bolts to avoid the leakage after long time service.



TD-20A1 Automatic Nozzle

Technical Specification

Model:	TD-20A1	TD-20A2
Inlet Thread:	BSPF/NPT 3/4"	
Diameter of spout:	21mm	13/16" & 15/16"
Color of insulator:	red/green/blue/yellow/black	

Package Data

Package:	10pcs/carton
Net Weight:	13kgs
Gross Weight :	14kgs
Dimension:	420×340×400mm



TD-20A2 Automatic Nozzle

XIDE-80 Automatic Nozzle

Description

Tight structure, cute appearance, reduction of pressure loss & increase of the flow.

Accurate flow control:allows your customers to top off their tank to the exact amount they want, and its easy to stop gasoline flow precisely.

Technical Specification	
Inlet Thread:	BSPF/NPT 3/4"
Diameter of spout:	13/16" & 15/16"
Color of insulator:	red/green/blue/yellow/black

Package Data	
Package:	10pcs/carton
Net Weight:	12kgs
Gross Weight :	13kgs
Dimension:	420×340×400mm

XIDE-120 Automatic Nozzle

Description

Tight structure, cute appearance, reduction of pressure loss & increase of the flow.

Accurate flow control:allows your customers to top off their tank to the exact amount they want, and its easy to stop gasoline flow precisely.

Technical Specification	
Inlet Thread:	BSPF/NPT 1"
Diameter of spout:	1 3/16"
Color of insulator:	red/green/blue/yellow/black

Package Data	
Package:	10pcs/carton
Net Weight:	17kgs
Gross Weight :	18kgs
Dimension:	420×340×400mm



XIDE-80 Automatic Nozzle



XIDE-120 Automatic Nozzle

MD-20B Automatic Nozzle

Description

Whole Spout to avoid leakage after long time service.
 The main valve is sealed in two layers to avoid being difficult to run the nozzles when working pressure is too high.
 The nozzle can be controlled in three grades only with one hand.



MD-20B Automatic Nozzle

Technical Specification

Inlet Thread:	BSPF/NPT 3/4 "
Diameter of spout:	13/16 " & 15/16 "
Color of insulator:	red/green/blue/yellow/black

Package Data

Package:	10pcs/carton
Net Weight:	13kgs
Gross Weight :	14kgs
Dimension:	420×340×400mm

MD-200 Automatic Nozzle

Description

MD-200 Automatic shut-off nozzle is for heavy-duty, high-flow truck, bus and home fuel oil delivery service. Right angle design, dual poppets and 2-position hold-open device. Aluminum body is lighter in weight and easier to manipulate. Built-in outlet check valve meets all known requirements of the Division of Measurement Standards.



MD-200 Automatic Nozzle

Technical Specification

Inlet:	BSPF/NPT 1 1/2 "
Outlet:	38mm
Flow Rate:	260L/Min

Package Data

Package:	10pcs/carton
Net Weight:	24kgs
Gross Weight :	25kgs
Dimension:	350×350×520mm

MD-300 Automatic Nozzle

Description

MD-300 Automatic shut-off nozzle is for heavy-duty, high-flow truck, bus and home fuel oil delivery service. Right angle design, dual poppets and 2-position hold-open device. Aluminum body is lighter in weight and easier to manipulate. Built-in outlet check valve meets all known requirements of the Division of Measurement Standards.



MD-300 Automatic Nozzle

Technical Specification

Inlet:	BSPF/NPT 2"
Outlet:	42mm
Flow Rate:	300L/Min

Package Data

Package:	5pcs/carton
Net Weight:	15kgs
Gross Weight :	16kgs
Dimension:	340 × 480 × 420mm

J50-A Manual Nozzle

Technical Specification	
Inlet Thread	BSPF/NPT ¾" or 1"
Diameter of spout	13/16" & 15/16"

Package Data	
Package:	10pcs/carton
Net Weight:	6.5kgs
Gross Weight :	7kgs
Dimension:	350×350×270mm



J50-A Manual Nozzle

J60-A Manual Nozzle

Technical Specification	
Inlet Thread	BSPF/NPT 1"
Diameter of spout	15/16"

Package Data	
Package:	10pcs/carton
Net Weight:	9kgs
Gross Weight :	10kgs
Dimension:	420×340×400mm



J60-A Automatic Nozzle

J80-A Manual Nozzle

Technical Specification	
Inlet Thread	BSPF/NPT 1"
Diameter of spout	15/16"

Package Data	
Package:	10pcs/carton
Net Weight:	9kgs
Gross Weight :	10kgs
Dimension:	420×340×400mm



J80-A Automatic Nozzle

J-200 Manual Nozzle

Description

J-200 manual shut-off nozzle is for heavy-duty, high-flow truck, bus and home fuel oil delivery service. Aluminum body is lighter in weight and easier to manipulate. Replaceable composite lever with easy guard and low cost.



J-200 Manual Nozzle

Technical Specification

Inlet:	BSPF/NPT 1.5" or 2"
Outlet:	1 ¹⁰ / ₁₃ "
Flow Rate:	290L/Min
Working Pressure:	0.18Mpa

Package Data

Package:	8pcs/carton
Net Weight:	12.5kgs
Gross Weight :	15kgs
Dimension:	470 × 385 × 350mm

JYQ Oil Nozzle

JYQ Series Oil nozzle, easily combined with JYM/L-1 meter is to measure the dispensing engine oil, Gear Oil, ATF Oil, anti-freeze and allied products, with the construction of aluminum body swivel and in-built balanced valve.

Technical Specification	
Inlet:	BSPF 1/2"
Max. Flow Rate:	15 L/Min
Working Pressure:	0.7MPa
Max. Working Pressure:	10MPa
Package:	18PCS/CTN
Net Weight:	17Kg
Gross Weight:	18Kg
Dimension:	440*340*400mm



JYQ/M-1 Manual Nozzle with LCD Display Meter



JYQ/M-2 Manual Nozzle with LCD Display Meter



JYQ-1 Manual Nozzle



JYQ-2 Automatic Nozzle



JYQ-3 Manual Nozzle



JYQ-4 Automatic Nozzle

MJ-85S/MJ-65 Flow Meter

Description

MJ-85S Flow Meter, whose material of body is made of alloy aluminum, with structure of stainless steel bush and four piston positive displacement. Novel appearance, small size, high reliability, good wearability precise measure, long life. It has in-built intelligent pulse, 60 pulses or 100 pulses for option.



MJ-85S



MJ-65

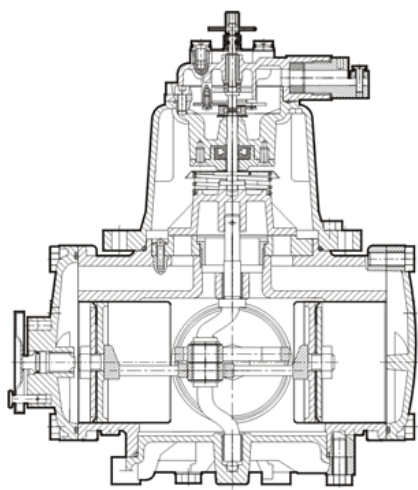
Technical Specification

Flow Range:	5L~90L
Discharge Rate /Rev.:	0.5L
Accuracy:	±0.2%
Repeatable Tolerance:	≤0.07%
Adjustable Min. Volume:	0.07%

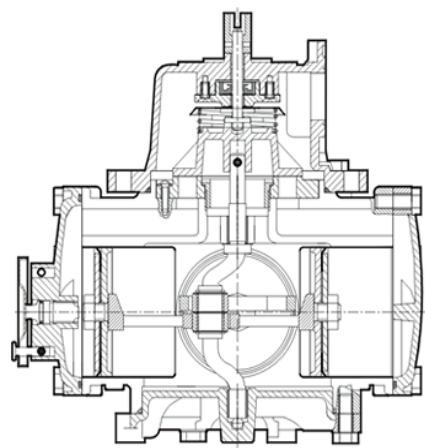
Package Data

Model	MJ-85S	MJ-65
Package:	2pcs/carton	2pcs/carton
Net Weight:	12kgs	11kgs
Gross Weight :	13kgs	12kgs
Dimension:	500×280×350mm	500×280×300mm

Construction



MJ-85S Flow Meter with Pulser



MJ-65 Flow Meter

JG-473 Flow Meter

Description

JG-473B Flow meter is improved from JG-473A meter, inlet on top and outlet on bottom with advantage of reliable construction, long life service, etc.

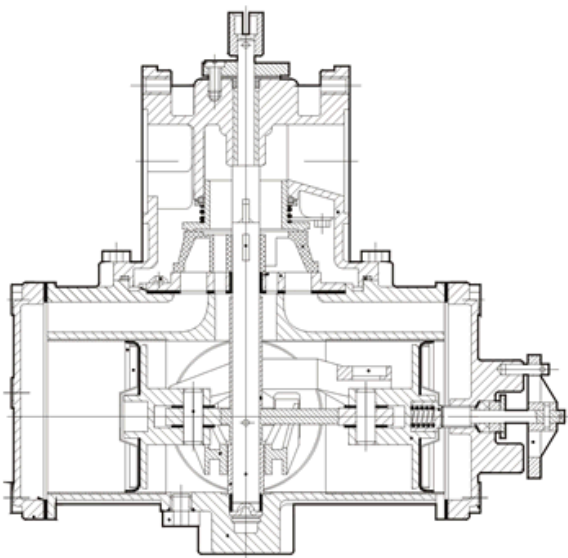
Technical Specification

Flow Rate:	5L~60L/Min
Discharge Rate /Rev.:	0.473L
Accuracy:	±0.2%
Repeatable Tolerance:	≤0.07%
Adjustable Min. Volume:	0.04%

Package Data

Package:	2pcs/carton
Net Weight:	10kgs
Gross Weight :	10.5kgs
Dimension:	460×280×270mm

Construction



JG-473 Flow Meter



JG-473A



JG-473B

RSJ-50 Flow Meter



RSJ-50



RSJ-50 Flow Meter & Vane Pump

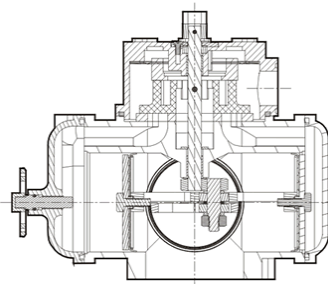
Technical Specification

Flow Range:	5L~60L/Min
Discharge Rate /Rev.:	0.5L
Accuracy:	±0.2%
Repeatable Tolerance:	≤0.07%
Adjustable Min. Volume:	0.05%

Package Data

Package:	2pcs/carton
Net Weight:	10kgs
Gross Weight :	10.5kgs
Dimension:	420×260×230mm

Construction



RSJ-50 Flow Meter

Technical Specification

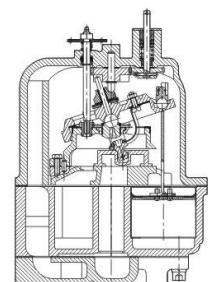
Flow Range:	5L~60L/Min
Discharge Rate /Rev.:	0.5L
Accuracy:	±0.2%
Repeatable Tolerance:	≤0.07%
Adjustable Min. Volume:	0.11%

Package Data

Package:	1pc/carton
Net Weight:	23kgs
Gross Weight :	25kgs
Dimension:	280×260×450mm



MJ-55 Flow Meter



MJ-55 Flow Meter

XBL Meter with Pulser



XBL Meter with Pulser

Technical Specification

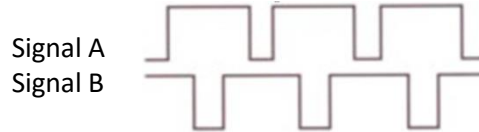
Flow Rate:	5~60L/Min
Discharge Rate /Rev.:	0.5L
Accuracy:	±0.2%
Repeatable Tolerance:	≤0.07%
Adjustable Min. Volume:	0.04%

Package Data

Package:	2pcs/carton
Net Weight:	8 kgs
Gross Weight :	8.5kgs
Dimension:	440×290×260mm

- Electromagnetic Pulser
- 50 pulses per encoder channel per revolution.

Output Wave



XBL Pump Unit



XBL Pump Unit

- XBL pump unit includes pump & air eliminator
- Working pressure can be adjusted in XBL air eliminator
- Made by aluminum, light, with high capacity air eliminating efficiency.

Technical Specification

Flow Rate:	75L/Min
Speed	1400RPM
Vacuum	0.06MPa
Noise	70dB

Package Data

	Pump	Air Eliminator
Package:	2pcs/carton	1pc/carton
Net Weight:	12kgs	7kgs
Gross Weight :	12.5kgs	8kgs
Dimension:	300×210×170mm	390×300×270mm

Description

ZCB-90 Gear Pump, whose material of body is alloy aluminum founded under low pressure, is applicable to gasoline, kerosene, diesel oil and compound of them.

Air separator, by pass valve, check valve, inlet and outlet filter decompression are built in.



ZCB-90 Gear Pump

Technical Specification

Flow Rate:	45~90L/Min
Speed:	680~980RPM
Working Pressure:	0.18~0.3MPa
Vacuum:	≥0.06MPa
Noise:	≤72dB

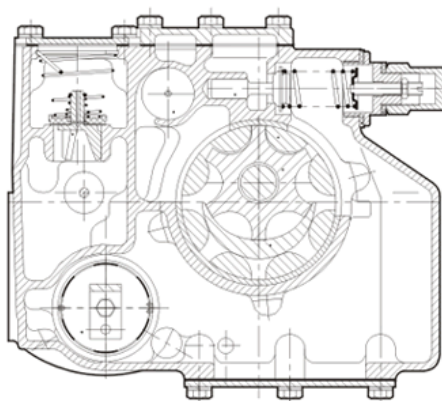
Package Data

Package:	1pc/carton
Net Weight:	17 kgs
Gross Weight :	17.5kgs
Dimension:	360×320×300mm

Construction



MJ-85S Flow Meter & ZCB-90 Gear Pump



Description

ZYB-50/ZYB-80 Vane Pump, built in air separator, by pass valve, filter, is with three different top covers for different connecting pipes. A type. B type and C type. With the advantage of low noise, high flow rate, long life service, etc .



A Type



B Type



C Type

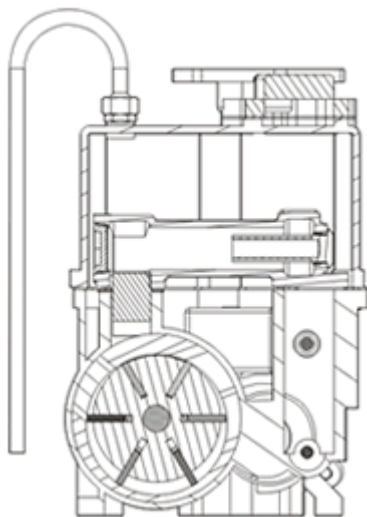
Technical Specification

Model:	ZYB-50	ZYB-80
Flow Range:	45~65L/Min	75~85L/Min
Speed:	630RPM	630RPM
Vacuum:	≥0.054MPa	≥0.054MPa
Working Pressure:	0.16~0.2MPa	0.2~0.25MPa
Noise:	≤72dB	≤72dB

Package Data

Package:	1pc/carton	1pc/carton
Net Weight:	17 kgs	17 kgs
Gross Weight :	17.5 kgs	17.5 kgs
Dimension:	340×260×370mm	340×260×370mm

Construction



ZYB-50A Vane Pump



RSJ-50 Flow Meter & ZYB-50B Vane Pump

ZCH-50/80 Gear Pump

Description

ZCH-50/ZCH-80 Gear Pump, made by cast Iron, is applicable to gasoline, kerosene, diesel and gasohol with A type and B type inlets and air separator, by pass valve , check valve, inlet filter are built in.



A Type



B Type

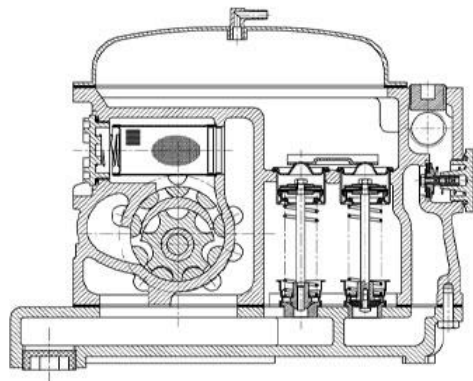
Technical Specification

Model:	ZCH-50	ZCH-80
Flow Range:	45~55L/Min	75~85L/Min
Speed:	900RPM	900RPM
Vacuum:	0.06MPa	0.06MPa
Working Pressure:	0.18~0.24MPa	0.18~0.24MPa
Noise:	≤72dB	≤72dB

Package Data

Package:	1pc/carton
Net Weight:	37 kgs
Gross Weight :	42 kgs
Dimension:	400×300×280mm

Construction



ZCH-50 Gear Pump

QYB-240 Submersible Turbine Pump

Description

- A. Best performance, long time service, lower noise
- B. Easy to install and service. Quick, simple and safe electrical connections
- C. Manifold allows for vertical or horizontal discharge
- D. Save time, lower service costs
- E. Built with check valve, by pass valve, vacuum valve
- F. For diesel, gasoline, kerosene, etc.
- G. Vapor-free, suction head longer than suction pump



QYB-240 Submersible Turbine Pump

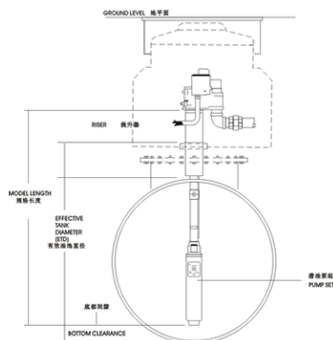
Technical Specification

Max Flow Rate:	200L/min,240L/min
Rotating Speed:	2820rpm
Voltage:	220V,50Hz
Current:	9A
Power:	1.1Kw/1.5H,1.3Kw/1.8H
Ex-proof Class:	IP×6
Fixation Thread:	BSPF4" BSPF/NPT4"
Inlet:	BSPF1 1/2" BSPF/NPT1 1/2"
Outlet:	NPT2"
Adjustable Pressure:	21KPa-207KPa
Factory Pressure Range:	79KPa-93KPa
Working Pressure:	>34KPa
Rating Pressure:	0.1MPa

Package Data

Package:	1pc/2cartons
Net Weight:	40kgs
Gross Weight :	41kgs
Dimension:	360×280×370mm
	730×170×170mm

Construction



MD-212 Pulser



MD-212 Pulser

60 and 100 Pulses Available, output signal as required
Voltage(V+):+5~36VDC

Package Data	
Package:	30pcs/carton
Net Weight:	12 kgs
Gross Weight :	13 kgs
Dimension:	420×340×400mm

Description

- Precise action, reliable, long service.
- Diaphragm of main valve has capability of anti-corrosion and resisting -40°C low temperature.
- Special stainless steel magnetic material, never rusts and generates remanent magnetism.
- Class F loop with good insulation.
- Anti-Explosion Class:EXd II BT4
- When main valve shuts off, work pressure 0.3~0.4MPa, flow rate is 3-3.5L/min.



MSF Solenoid Valve A Type

Package Data		
Model:	A Type	B Type
Package:	15pcs/carton	15pcs/carton
Net Weight:	12 kgs	12 kgs
Gross Weight :	14 kgs	14 kgs
Dimension:	430×360×270mm	430×360×270mm



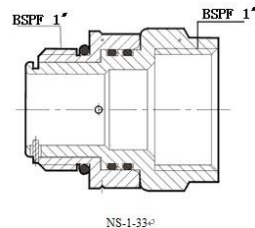
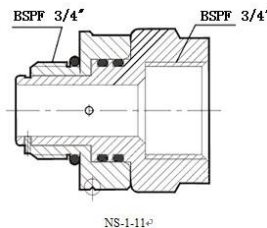
MSF Solenoid Valve B Type

Technical Specification

Model	Diameter	Connection	Flow Rate (L/min)	Work Pressure (MPa)	Voltage (V)	Ambient Temperature (°C)	Medium Temperature (°C)
MSF-20F	20mm/3/4"	Flange	50	0.035~0.45	AC220V 50Hz DC24V/ 12V	-40°C~55°C	-40°C~65°C
MSF-20T	20mm/3/4"	Thread M33×1.5	50				
MSF-25F	25mm/1"	Flange	85				
MSF-25T	25mm/1"	Thread M33×1.5	85				

NS-1 Nozzle Swivel used for TD-20A & MD-120 Automatic Nozzle

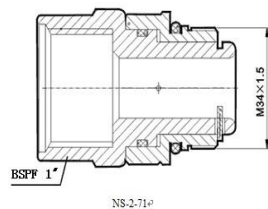
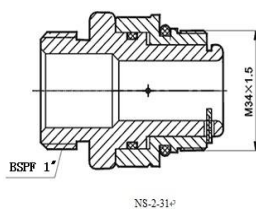
NS-1-X	X
	① BSPF 3/4" ② NPT 3/4" ③ BSPF 1" ④ NPT1"
	Outlet Thread (Male)
	① BSPF 3/4" ② NPT 3/4" ③ BSPF 1" ④ NPT1"
	Inlet Thread (Female)



Package Data	
Package:	100pcs/carton
Net Weight:	11kgs
Gross Weight :	12kgs
Dimension:	440×230×140mm

NS-2 Nozzle Swivel used for XIDE-80 Automatic Nozzle

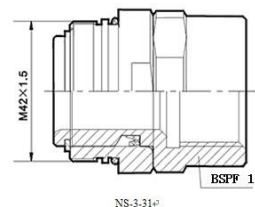
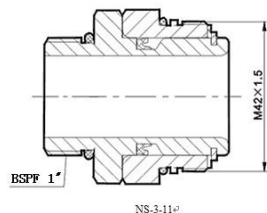
NS-2-X	X
	① M34×1.5
	Outlet Thread (Male)
	① BSPF 3/4" Male ② NPT 3/4" Male ③ BSPF 1" Male ④ NPT1" Male
	⑤ BSPF 3/4" Female ⑥ NPT 3/4" Female ⑦ BSPF 1" Female ⑧ NPT1" Female
	Inlet Thread (Female)



Package Data	
Package:	100pcs/carton
Net Weight:	11kgs
Gross Weight :	12kgs
Dimension:	440×230×140mm

NS-3 Swivels used for XIDE-120 Automatic Nozzle

NS-3-X	X
	① M42×1.5
	Outlet Thread (Male)
	① BSPF 1" Male ② NPT1" Male ③ BSPF 1" Female ④ NPT1" Female
	Inlet Thread (Female)



Package Data	
Package:	100pcs/carton
Net Weight:	11kgs
Gross Weight :	12kgs
Dimension:	440×230×140mm

Fuel Dispenser Components

HS-1A Rotary Swivels

Used for connecting the nozzle and the hose, 360° swivel action

HS-1A-X X

① BSPF 3/4" ② NPT 3/4" ③ BSPF 1" ④ NPT 1"
Outlet Thread (Male)
① 3/4" ② 1"
Inlet Thread (Female)



HS-1A

Package Data

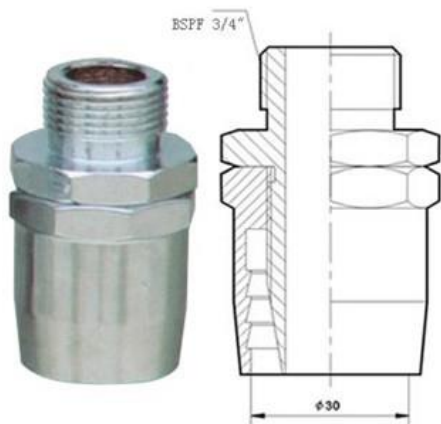
Package:	50pcs/carton
Net Weight:	27kgs
Gross Weight :	28kgs
Dimension:	410×220×120mm

HS-1B Unrotary Swivels

Used for connecting the nozzle and the hose.

HS-1B-X X

① BSPF 3/4" ② NPT 3/4" ③ BSPF 1" ④ NPT 1"
Outlet Thread (Male)
① 3/4" ② 1"
Inlet Thread (Female)



HS-1B

Package Data

Package:	50pcs/carton
Net Weight:	15kgs
Gross Weight :	16kgs
Dimension:	410×220×90mm

SYQ-1 & SYQ-3 Oil Indicator

Connection: Thread BSPF/NPT 3/4"

SYQ-4 Oil Indicator

Indicator Red Vane built-in to indicate flow.
Connection: thread: BSPF/NPT 3/4" & 1".



SYQ-3



SYQ-1

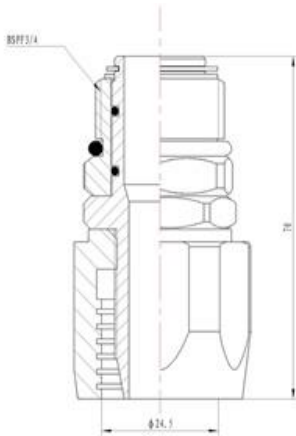


SYQ-4

Package Data

	3/4"	1"
Package:	200pcs/carton	200pcs/carton
Net Weight:	24kgs	29kgs
Gross Weight :	26kgs	31kgs
Dimension:	480×250×350mm	470×250×410mm

Fuel Dispenser Components



HS-2A

HS-2A Rotary Hose Swivels

Used for connecting the nozzle and the hose, 360° swivel action

HS-2A-X X

① BSPF 3/4" ② NPT 3/4" ③ BSPF 1" ④ NPT 1"
 Outlet Thread (Male)

① 3/4" ② 1"

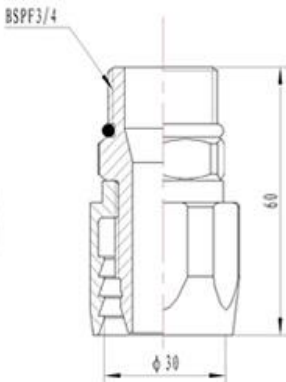
Inlet Thread (Female)

Package Data

Package:	100pcs/carton
Net Weight:	28kgs
Gross Weight :	29kgs
Dimension:	420×240×190mm

HS-2B Unrotary Swivels

Used for connecting the nozzle and the hose.



HS-2B-X X

① BSPF 3/4" ② NPT 3/4" ③ BSPF 1" ④ NPT 1"
 Outlet Thread (Male)

① 3/4" ② 1"

Inlet Thread (Female)

Package Data

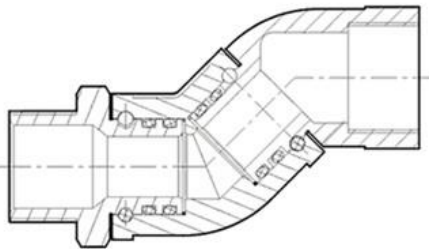
Package:	100pcs/carton
Net Weight:	22kgs
Gross Weight :	23kgs
Dimension:	420×240×190mm

MD-45A Swivel

Used for connecting the nozzle and the hose, 360° swivel action. Connection: Thread BSPF/NPT 3/4" & 1".

Package Data	
Package:	50pcs/carton
Net Weight:	23kgs
Gross Weight :	24kgs
Dimension:	370×270×240mm

Construction



MD-45A

MD-45B Swivel

Used for connecting the nozzle and the hose, 180° swivel action.

Connection: Thread BSPF/NPT 3/4"



MD-45B

MD-3/MD-7 Breakaway

MD-3/MD-7 Breakaways built with check valve are used for connecting the hose and the dispenser. When the pull is too strong, the breakaway will be broken and closed automatically to avoid the fuel flowing.

Technical Specification		
Model:	MD-3	MD-7
Diameter:	BSPF/NPT 3/4" & 1"	BSPF/NPT 3/4"
Max. Pull:	3/4" :250LBS ± 0.5% 1" :300LBS ± 0.5%	3/4" :250LBS ± 0.5%
Flow Range:	3/4" :0~60L/Min 1" :0~90L/Min	3/4" :0~60L/Min

Package Data		
Package:	100pcs/carton	100pcs/carton
Net Weight:	3/4" :28kgs 1" :32kgs	3/4" :30kgs
Gross Weight :	3/4" :29kgs 1" :33kgs	3/4" :31kgs
Dimension:	520×280×280mm	520×280×280mm



MD-3



MD-7

Fuel Dispenser Components

MD-9 Angle Check Valve

Used for gasoline, kerosene, diesel oil etc..



MD-9 Angle Check Valve

Technical Specification

Inlet:	BSPF/NPT 1 1/2" or 2"
Outlet:	BSPF/NPT 1 1/2" or 2"
Body Material:	Cast Iron
Seals:	Buna-N

Package Data

Package:	12pcs/carton
Net Weight:	24kgs
Gross Weight :	26kgs
Dimension:	280×270×280mm

MD-11 Shut-off Valve

Used for gasoline, kerosene, diesel oil etc..



MD-11 Shut-off Valve

Technical Specification

Inlet:	BSPF/NPT 1 1/2" , 2"
Outlet:	BSPF/NPT 1 1/2" , 2"
Flow Range:	0~120L/Min
Working Pressure:	0.2MPa
Working Temperature:	-30~55℃
Valve Closing Speed:	0.5S
Poppet Valve:	Single or Double

Package Data

Package:	10pcs/carton
Net Weight:	25kgs
Gross Weight :	26kgs
Dimension:	410×330×230mm

MD-13 Foot Valve

Used for gasoline, kerosene, diesel oil etc..



MD-13 Foot Valve

Technical Specification

Thread:	BSPF/NPT 1 1/2" , 2" , 3"
Working Temperature:	-30~55℃
Valve Closing Speed:	0.5S

Package Data

Package:	20pcs/carton
Net Weight:	34kgs
Gross Weight :	36kgs
Dimension:	370×310×180mm

MD-15 Breakaway

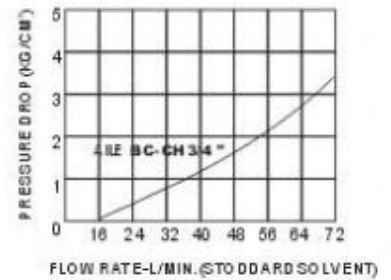
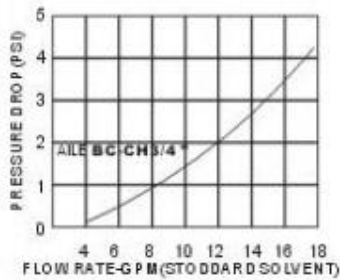
Description:

CW-15 breakaway is reconnectable for the conventional dispensing market. It is designed to be installed on fuel dispensing hoses, and will separate when subjected to a designated pull force. The dual valves seat automatically stopping the flow of fuel and limiting any fuel spillage, while protecting the dispensing equipment. When reconnecting the separate halves, the seals tightly on an O-ring before the poppet stems engage to open the valve. For proper operation on high-hanging hoses, the breakaway must always be installed with straightening hose with a minimum length of 9". For low hose applications, it should be installed down-stream of retractor cable.



MD-15 Breakaway

Performance Curve:



Technical Specification

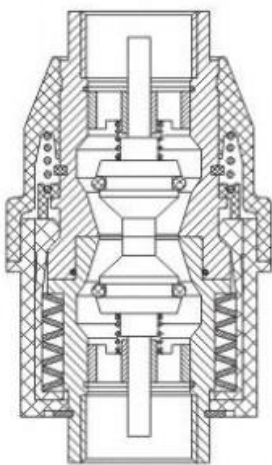
Inlet:	BSPF/NPT 3/4"
Outlet:	BSPF/NPT 3/4"

Materials:

- Body: Die Cast Zinc
- Main Seals: Viton
- Main Spring: Stainless Steel
- Guide & Poppet: POM
- Protective Sleeve: PA66

Feature & Benefits:

- Pull force: with a pull force of 250lbs ± 5%
- Unique double-poppet design: with low pressure drop
- Flow rate: 0-60L/Min
- Working Pressure: 0.18Mpa
- Coupling halves: protected by proven plastic sleeves
- Easily reconnected: Just "push and twist" until you hear an audible click, signifying the unit has been correctly reconnected. Reconnection force approximately 15lbs
- Line shock: It is able to absorb the effects of normal line shock through the unique design of the disconnecting features.



Structure

ME-50 Nozzle Holder

Package Data	
Package:	10pcs/carton
Net Weight:	7kgs
Gross Weight :	8kgs
Dimension:	450×420×400mm



ME-50



ME-50/S

ME-50/B Nozzle Holder with Hall Switch

Package Data	
Package:	12pcs/carton
Net Weight:	12kgs
Gross Weight :	13kgs
Dimension:	450×420×400mm



ME-50/B



ME-200

ME-50/S Nozzle Holder with Magnet Switch

Package Data	
Package:	12pcs/carton
Net Weight:	13kgs
Gross Weight :	14kgs
Dimension:	450×420×400mm

Check Valve

Used for ZCB-90 Gear Pump



Flexible Pipe

Used for ZYB-50 Vane Pump or customized with Drawings.



Flame Box



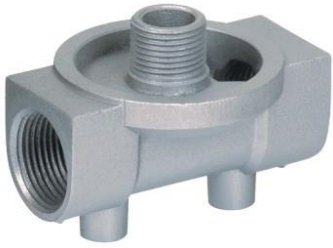
FB-1



FB-2

Fuel Dispenser Components

GL-1 Filter Holder



GL-1 Filter Holder

Technical Specification	
Inlet:	BSPF/NPT 1"
Outlet:	BSPF/NPT 1"
Material:	Aluminum
Filter thread:	UNF1"-12

Package Data	
Package:	50pcs/carton
Net Weight:	14kgs
Gross Weight :	15kgs
Dimension:	330×310×230mm



GL-2 Filter Holder

GL-2 Filter Holder

Technical Specification	
Inlet:	BSPF/NPT 1"
Outlet:	BSPF/NPT 1"
Material:	Aluminum
Filter thread:	UNF1 1/2"-16

Package Data	
Package:	25pcs/carton
Net Weight:	12kgs
Gross Weight :	13kgs
Dimension:	440×500×150mm



GL-3 Filter

GL-3 Filter

Used for GL-1 filter holder; Thread:UNF1"-12

Package Data	
Package:	35pcs/carton
Net Weight:	18kgs
Gross Weight :	19kgs
Dimension:	500×280×350mm



GL-4 Filter

GL-4 Filter

Stainless Steel Strainer and can be reused after cleaning. Inlet & outlet: BSPF/NPT 1"

Package Data	
Package:	25pcs/carton
Net Weight:	12kgs
Gross Weight :	13kgs
Dimension:	440×500×150mm

Ex-proof Electric Motor

Technical Specification

Voltage:	Three Phase/380V/50Hz Single Phase 220V/50Hz/60Hz
Power:	750W
Speed:	1390/1400RPM



JSQ-5 Mechanical Register



JSQ-1 Electrical Mechanical Totalizer



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