BANLAW

"innovative refuelling specialists"

www.banlaw.com

ReFuelling Nozzles

The World's Toughest and Safest Nozzles

Toughest

BANLAW prides our services on how well our nozzles perform in some of the harshest working environments in the world.
From the frozen conditions of Antarctica to the deserts of Africa and Australia, you can depend on BANLAW products to do the job.

Safest

BANLAW nozzles have a proven safety record as our dependable ball locking mechanism ensures the nozzle cannot 'fly off', risking the safety of the refuelling operator.
BANLAW nozzles are designed with the operator of the field task in mind. Our products are easy to carry and manouver, yet robust and reliable.
When refuelling at ground level, an automatic cut-off means the BANLAW nozzle is easier to use and the refuelling operators don't risk climbing onto vehicles, thus reducing the chance of worker injury and compensation.

Cleaner Environment

The BANLAW Dry Break automatic cut-off system reduces the risk of fuel spills during the refuel process. This results in a refuelling area free from fuel related safety slip hazards. Fitting over load arms, nozzle holsters and nozzle anchors also eliminates trip hazards from ground stored hoses.

Increased Productivity

With a 2" bore, BANLAW nozzles have the highest industry flow rate capability, reducing refuelling times. The choice of 5 shut-off pressure settings allow through faster refuelling times flexible solutions to the most complex refuelling problems.

The Best Investment

The BANLAW nozzle is repairable, not disposable, they are robust and last considerably longer in the field and can reduce refuelling times. Basically, it costs less in the long run and is built to last.

YOUR INVESTMENT
IS MAXIMISED BY CHOOSING
BANLAW

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800 Series Nozzles

FLOW RATE 170 - 800 LPM / 45-211GPM

Mining

800 Series Nozzle

BRM23 Receiver

AUS25A Vent with AUS25AA-1 Coupling

Rail

BNR800 Nozzle

AUS23R Receiver

AUS25R Vent with AUS25AA-1 Coupling

Hydraulic

BPH800 Nozzle

AUS23B Receiver

AUS25A Vent with AUS25AA-1 Coupling

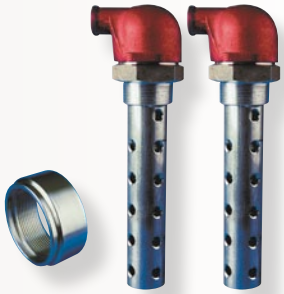
1000 Series Nozzles

FLOW RATE 400 - 1000 LPM / 106-264GPM

1000LPM

1000 Series Nozzle

BRM43 Receiver

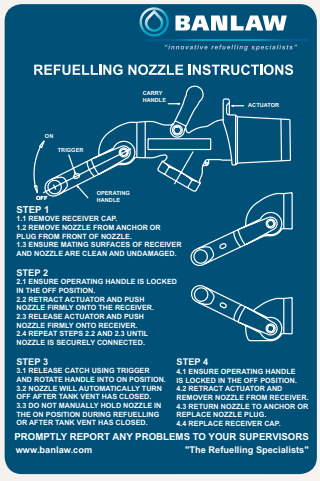


2 Vents required

AUS25A Vents with AUS25AA-1 Coupling

Accessories

Operation Sign AUSOPSIGN-2



AUS23C-R Cap

AUS23C Cap

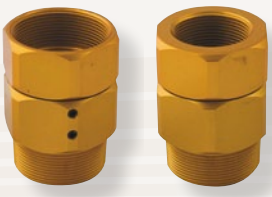
Breakaway Valve

Nozzle Holster BFTNH203A

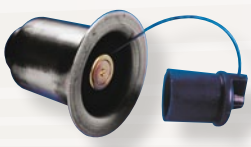
800 Anchor BP800049

1000 Anchor AUS22049

Zinc Plated Steel Swivels
various sizes available
AUS10 Shown



Anodized Aluminium Swivels
various sizes available
AUS50 & AUS52 Shown



AUS24A
Shell Receiver & Cap

Receiver Socket
(AUS23SOCKET)

Receiver Socket
(AUS-RSOCKET)

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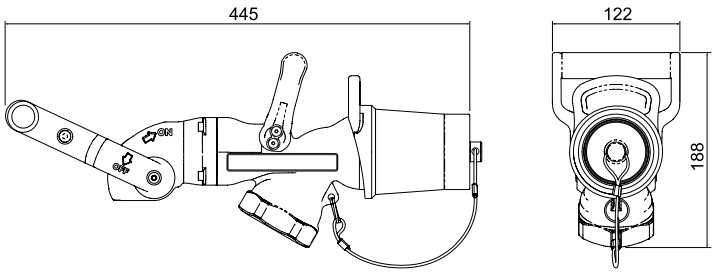

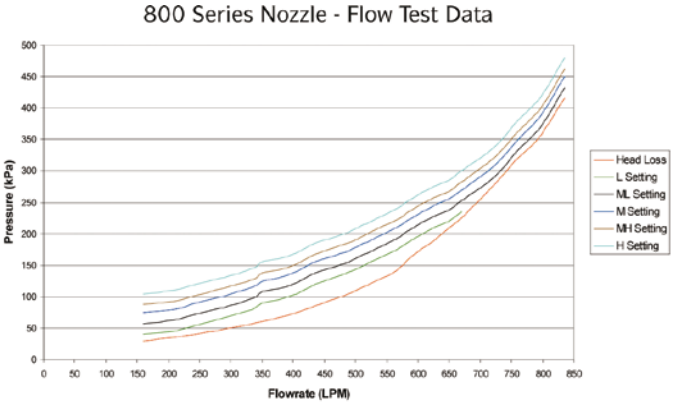

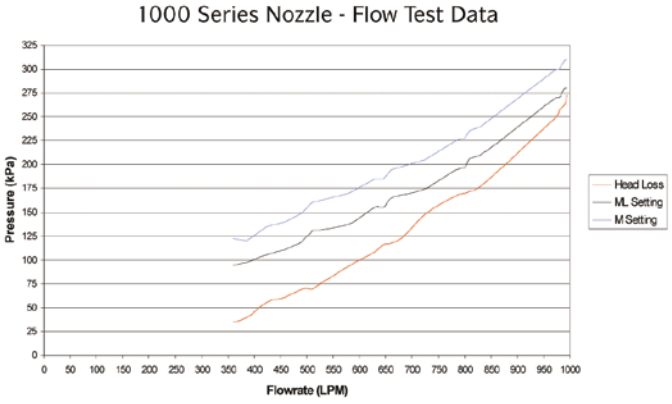

Legend

L (Light), ML (Medium/Light), M (Medium)
MH (Medium/Heavy), H (Heavy)

Head loss curves

show pressure drop across nozzle & Banlaw Receiver when used with diesel.

Setting curves

Automatic shut-off of nozzle is initiated by a limiting static pressure measured at the 2" nozzle inlet. Nozzle spring setting is determined by flow rate and head pressure of refuelling application. Actual inlet static pressure must be less than that shown for spring setting.
e.g. For 800 series: 150kPa @ 450 l/min, require minimum of M spring setting

Recommended Operating Conditions

Maximum Static Head Pressure: 2.5 MPa (363 psi)

Flowrate Range Diesel

1000 Nozzle 400-1000 l/min. (106-264 gals/min.)
800 Nozzle 170-800 l/min. (45-211 gals/min.)

Spring Settings

L, ML, & M spring P/N. BP800029
MH & H spring P/N. BP800027
Nozzle setting denoted by letters L, M, etc. after nozzle model No. e.g. BPM800M, BAM1000ML

Physical Properties

Mass (with plug)
1000 Series Nozzle 4.3 kgs. (9.5 lbs.)
800 Series Nozzle 3.4 kgs. (7.5 lbs.)

Constituent Materials

Aluminium, zinc plated mild steel,
stainless steel, polyurethane, VITON seals.

Call for a full consultation **Banlaw** Pty. Ltd.
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Call your authorised **BANLAW** agent

Please Note: Use only Banlaw factory replacement parts. Failure to do so may cause equipment failure or malfunction, vehicle damage and invalidate factory warranty.

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