



Product Pvt. Ltd.



**Drilling, Completion and
Production Applications**

About Us

Neeco Oilfield Product Pvt. Ltd., was established in 2018 by its current owner, an engineer by trade, who has worked in the industry for over 40 years. Neeco is fully committed to providing its customers with quality API products. A family owned and operated business, Neeco maintains its dedication to excellent customer service, setting us apart in the industry.

Neeco’s offices and manufacturing facilities are conveniently located in India. Our state-of-the-art facility, was custom built and consists of one covered buildings totaling over 20,000 square feet.

Neeco Oilfield Product Pvt. Ltd.
Plot No.131P, Sector-59, HUDA
Phase-1, Ballabhgarh, Faridabad,
Haryana 121004 (India)



Introduction

API Licenses



Model FLSN
(2,000 to 15,000 PSI)

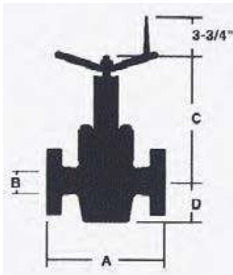


Neeco India is pleased to introduce its Model FLSN API-6A MONOGRAMMED Gate Valves. The Neeco FLSN API-6A gate valve contains a one-piece seat, without any body bushings, perfect for use on BOP stacks and drilling manifolds in severe applications for offshore and onshore rigs.

The Neeco FLSN valve is a full-bore, through-conduit double-flanged valve that contain a non-rising stem and solid single-piece slab gate. They are forged component valves with a bi-directional design and include a positive metal-to-metal seal. (FLSN valves do not utilize split gates or two-piece seats that can potentially pressure lock).

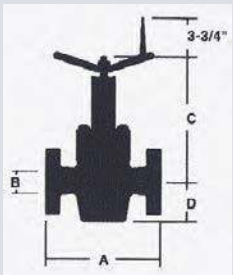
The FLSN is designed with two PEEK seals, inserted on the OD and ID areas of the seats, and feature a non-elastomeric stem seal that is spring-loaded and pressure-energized.

FLSN - Flanged End Valves 2,000 to 5,000 psi



NOM SIZE	A		B		C		D		WEIGHT (LBS.)	N (TURNS)
	IN	MM	IN	MM	IN	MM	IN	MM		
2 1/16	14.68	373	2 1/16	52	21.26	540	5.624	143	150	12 1/2
2 9/16	16.625	422	2 9/16	65	22	558	6.625	168	180	15
3 1/8	18.62	473	3 1/8	79.3	23.05	586	7.558	192	250	18
4 1/16	21.62	550	4 1/16	103	22 1/8	575	9.812	250	385	23
7 1/16	32	812.3	7 1/16	179.3	27.26	692.4	14.37	365	1520	32

FLSN - Flanged End Valves 10,000 psi

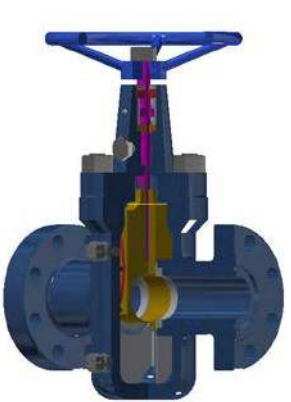


NOM SIZE	A		B		C		D		WEIGHT (LBS.)	N (TURNS)
	IN	MM	IN	MM	IN	MM	IN	MM		
1 13/16	18 1/4	464	1-13/16	46	15 9/16	395	6 1/2	165	244	12 1/2
2 1/16	20 1/2	514	2 1/16	52	15 9/16	395	6 1/2	165	259	12 1/2
2 9/16	22 1/4	565	2 9/16	65	17	432	7 3/8	187	378	15
3 1/16	24 3/8	619	3 1/16	79	20 5/8	524	9 3/16	233	450	18
4 1/16	26 3/8	670	4 1/16	103	22 1/8	575	11 1/2	292	500	23

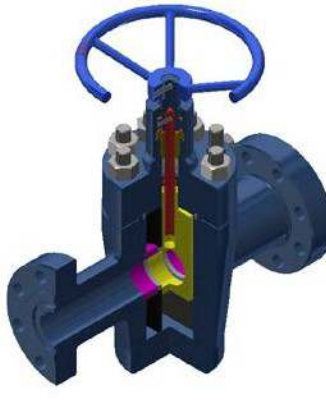
FLSN - Flanged End Valves 15,000 psi table available on necoovalves.com



Model AN / Model FCN
(2,000 to 15,000 PSI)



Neeco India is pleased to introduce its Model AN and FCN API-6A MONOGRAMMED Gate Valves.



The Neeco AN valve uses an expanding style gate, floating seats and a double row of roller-thrust bearings that make stem operation an easy process even under full pressure.

The FCN Model uses a single-piece slab gate, non-rising stem, body bushings and fully-floating seats that provide a true metal-to-metal seal. They are made from only forged bodies and bonnets, and the parts are manufactured in Houston / India.

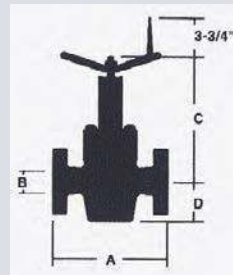
AN - Flanged End Valves 2,000 to 5,000 psi

NOM SIZE	A		B		C		D		WEIGHT (LBS.)	N (TURNS)
	IN	MM	IN	MM	IN	MM	IN	MM		
2 1/16	17	483	2 1/16	52	15 9/16	395	6 1/2	165	270	12 1/2
2 9/16	21	533	2 9/16	65	17	432	7 3/8	187	379	15
3 1/8	23 9/16	606	3 1/16	79	20 5/8	524	9 3/16	233	594	18
4 1/16	29	737	4 1/16	103	22 5/8	575	11 1/2	292	688	23

FCN - Flanged End Valves 10,000 psi

NOM SIZE	A		B		C		D		WEIGHT (LBS.)	N (TURNS)
	IN	MM	IN	MM	IN	MM	IN	MM		
1 13/16	18 1/4	464	1-13/16	46	15 9/16	395	6 1/2	165	244	12 1/2
2 1/16	20 1/2	514	2 1/16	52	15 9/16	395	6 1/2	165	259	12 1/2
2 9/16	22 1/4	565	2 9/16	65	17	432	7 3/8	187	378	15
3 1/16	24 3/8	619	3 1/16	79	20 5/8	524	9 3/16	233	450	18
4 1/16	26 3/8	670	4 1/16	103	22 1/8	575	11 1/2	292	500	23

FCN - Flanged End Valves 15,000 psi table available on necoovalves.com



Pneumatic Actuators



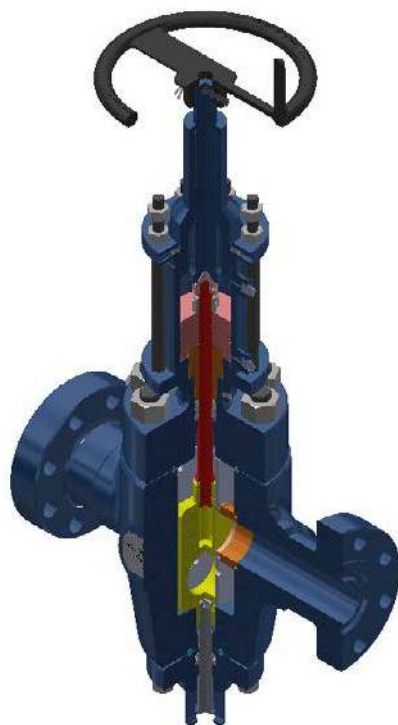
Neeco pneumatic diaphragm and piston actuators are designed to operate surface safety or shutdown valves on oil & gas wellhead, transmission, storage, manifold or other applications where fail-safe capability is required.

Neeco pneumatic actuators can be used for land or off shore installations and are engineered to provide reliable service in a variety of operating conditions.

Neeco can provide actuators valve mounted and ready to deploy, or as actuated bonnet assemblies ready to mount on valves from other manufacturers.

Additionally, Neeco offers a full range of accessories including standard & fusible manual overrides, position indicators and fusible lock open devices. The pressure relief device is easily inspected and is field-replaceable.

Hydraulic Actuators



Neeco double-acting hydraulic actuators are designed to operate bi-directional sealing, through conduit gate valves in drilling, choke & kill, fracture, work over or other critical production applications.

Neeco hydraulic actuators are used to control the linear position of the valve gate and are used to either open or close the valve through application of hydraulic pressure to one of the actuator's designated pressure inlet ports.

Flexibility of the Neeco hydraulic actuators can be adapted to operate gate valves from any manufacturer and can be delivered with alternate materials of construction to meet various field conditions.



Check Valve - NMS
(5,000 to 15,000 PSI)



The Neeco NMS Check Valve is a reduced opening lift type valve, top-entry only, which permits fluid flow in only one direction. It is designed to have an extended life due to its streamlined seat which causes the fluid impact to be reduced. The NMS valve contains a metal-to-metal sealing superior to the rubber sealing found in other check valves. Neeco designed the NMS in accordance with API-6A and NACE MR-0175 for H2S Service.

CHECK VALVE FEATURES
Sizes: 1-13/16" to 4-1/16"
Pressure ratings: 5,000 psi to 15,000 psi
Design: Poppet and other internal seal interchangeable with OEM model known as type "MS" available in any specified trim.
Product Specification Level: PSL-I to PSL-3G; DD to EE Trim
TOP ENTRY ONLY, METAL-TO-METAL SEAL (FORGED)
TEMP RATING: P-U (5000PSI); P-X (10,000-15,000PSI)

Production Chokes - H2N
(5,000 to 15,000 PSI)

Our line of chokes is ideally suited for a broad range of applications. These include wellheads, production manifolds, well testing, choke and kill manifolds, and well clean-up operations. Chokes may be ordered in both positive and adjustable models. Each model utilizes a hammerlug type connection which facilitates the quick changing of flow beans and trims.

PRODUCTION CHOKER FEATURES
Needle and seat design provide for fully adjustable flow
Adjustable models easily adaptable to positive configurations.
Needle and seat available in standard or super trim.
Interchangeable with OEM 'H2' style chokes.
Thumbscrew secures stem position at any setting.
Inconel Trim



Wellhead Components

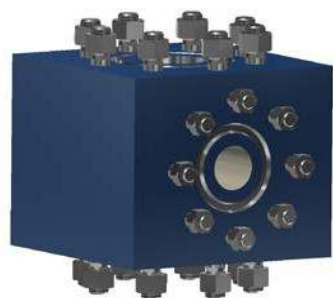
Neeco provides an assortment of conventional wellhead components ranging in pressure ratings from 2,000 to 15,000psi. Product specifications ranging from PSL-1 to PSL-3. Material specifications and temperature ratings of L-X, DD thru HH.



Comp Flange



Cross



Tee



Spacer Spool



WELLCON™ Pressure Control Products

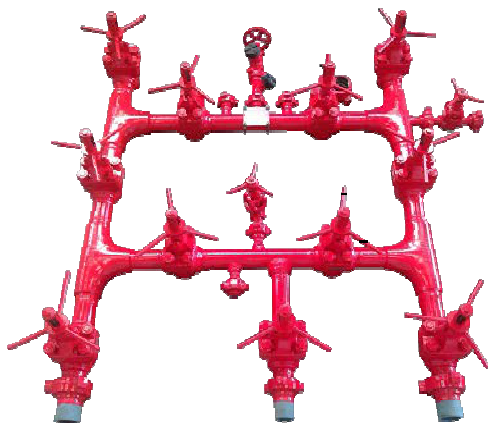


After 20 years of success in the gate valve manufacturing business, Neeco Industries has launched a multi-product division dedicated to API Specification 16C Pressure Control Products; Introducing the WELLCON™ line to the oil & gas market.

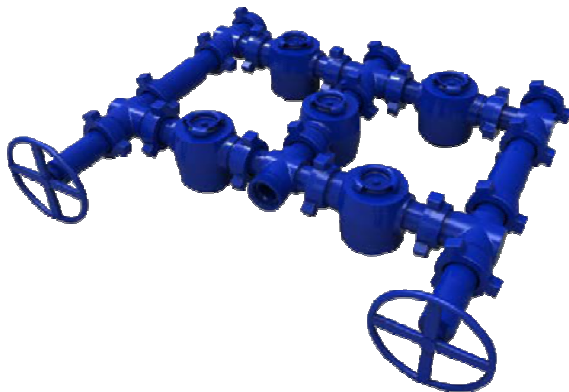
WELLCON™ Pressure Control Products will be offering an array of Manifold Solutions, with the newly added Drilling Chokes, and Drilling Choke Control Consoles, that will be paired with our well known API 6A product line.

The main objective is to offer high quality products for extreme service applications, with SAFETY in mind, for the new era of the drilling industry.

WELLCON™ Manifold Assemblies



STANDPIPE MANIFOLD 5K PSI



PLUG VALVE MANIFOLD 15K PSI

WELLCON™ Pressure Control Products offers an array of manifold solutions to provide safe and functionally interchangeable surface manifold systems utilized for the drilling of oil and gas wells.

All manifold assemblies are designed, manufactured, tested and certified in Houston / India. Every element of these complex systems adhere to our rigorous OEM protocol. From gate valves to elastomers, components are required to meet intricate design standards and qualification testing procedures.

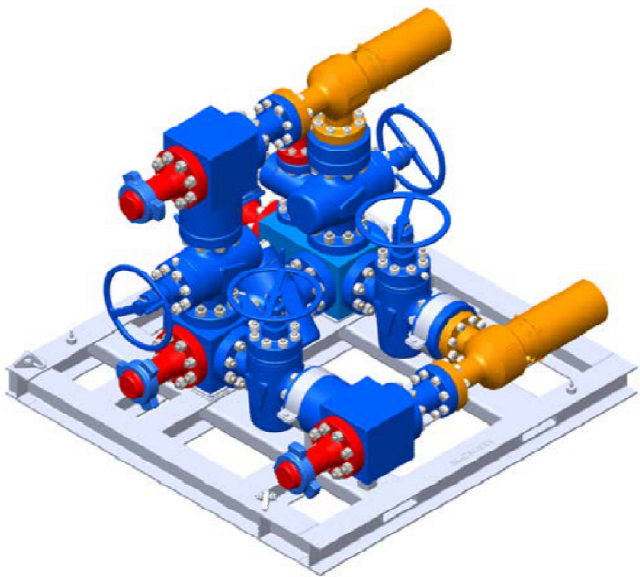
APPLICATIONS
Standpipe/Mud Manifolds
Cementing Manifolds
Frac/Zipper Manifolds
Plug Valve Manifolds
Kill Line Manifolds
Discharge Manifolds

WELLCON™ Choke Manifold Assemblies (5,000 to 15,000 PSI)

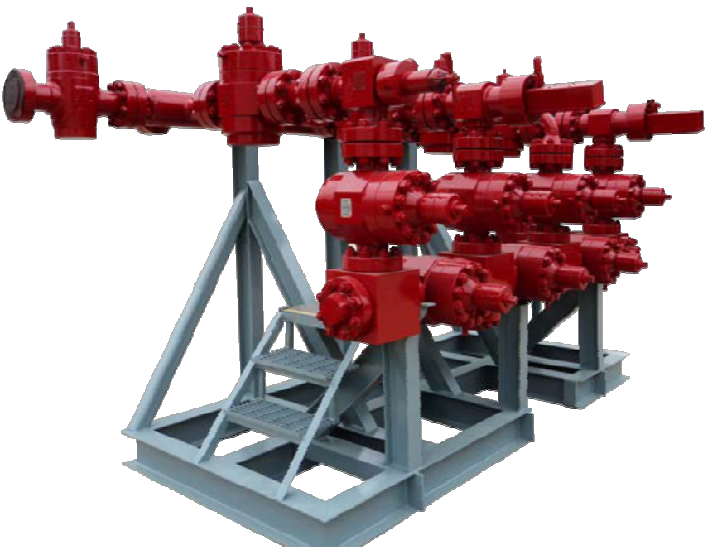
Neeco WELLCON™ Choke Manifolds are comprised of the arrangement of high quality API 6A components such as our gate valves, choke valves, spools, studded blocks, buffer chambers, and instrumentation that are designed specifically for choke and kill applications to circulate out a kick when blow out preventers are closed.

APPLICATIONS
Drilling Well Control
Managed Pressure Drilling (MPD) L-Shape, U-Shape, Flat
Underbalanced Drilling (UBD)
Well Testing
Applications On All Rig Types.
Frac Flow Back / Frac Plug Drill Out

FEATURES
Compliance with API Standard 53 & API 16C
Size 2-1/16" 5M through 4-1/16" 15M
Limitless designs and configurations for every rig type
Heavy duty skid's tailored for each manifold design applications on all rig types.
Effective in H2S and abrasive applications
Variety of trim, material classes, temperature, and inlays available
Third party testing available, such as ABS or DNV



MPD L-SHAPE CHOKE MANIFOLD



RIG 151 – COOK INLET, ALASKA (KLU) PROJECT



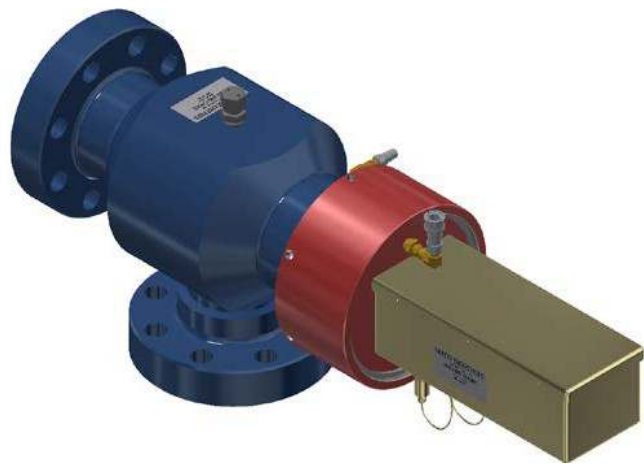
RIG 115 – PAPUA NEW GUINEA



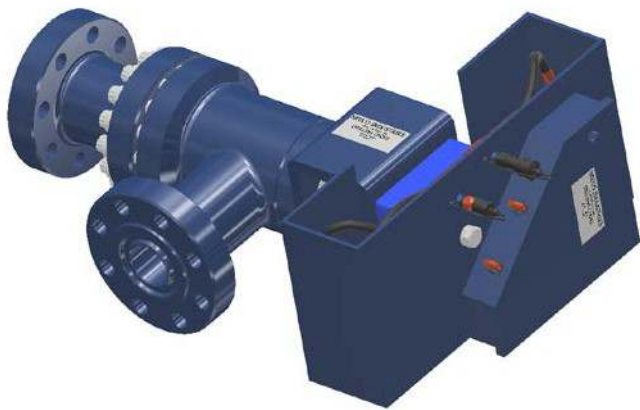
SERIES 92 Drilling Chokes (NC/NS)
(API 16C Appendix B)

The WELLCON™ line of drilling choke product ranges consists of two main choke types: TYPE NC-921, which features a gate & seat orifice, and the TYPE NS-922, which features a rotating disc orifice.

These Chokes have been especially effective when operated under well kicks, well testing and well cleanup operations. With several options and configurations, ideal for onshore or offshore, Neeco can manufacture for diverse applications on a global scale.



Type: NC-921



Type: NS-922

SPECIFICATIONS AND ADVANTAGES: NC-921
Flange Sizes: 2-1/16" to 4-1/16" bore in a 90° body orientation
Orifice Sizes: Available in 1.75" (44.5 mm) and 2" (50.8 mm) diameters
Pressure Ratings: -5,000 psi (345 bar) -10,000 psi (689 bar) -15,000 psi (1,034 bar)
Design: - Solid tungsten carbide gate and seat, reversible for two complete seal and wear areas - Digital Position Indicator is available optionally
Operation: Piston hydraulic actuator (500-1500 psi) - Can be converted to a manual operation valve
Certifications: NACE MR0175, API 6A 20 TH Edition & API 16C 2 nd Edition Monogrammed - PED 97/23/EC Module H, CE Marking
Ratings: P-X Temperature Rating (-20°F to 350°F), PR2, PSL3G & Material Class EE-NL for H2S service - Undergone Appendix B Testing

SPECIFICATIONS AND ADVANTAGES: NS-922
Flange Sizes: 2-1/16" to 4-1/16" bore in a 90° body orientation
Orifice Size: Adjustable orifice size of 1.92 in ² to total closure
Pressure Ratings: - 5,000 psi (345 bar) - 10,000 psi (689 bar) - 15,000 psi (1,034 bar)
Design: - Heavy-duty, diamond lapped tungsten carbide discs - Positive closure, a 17° dead band overlap beyond full closure - Seal improves under pressure
Operation: Radial hydraulic rotation of actuator (1500 psi) fork - Features emergency back-up manual operation w/ bar
Certifications: NACE MR0175, API 6A 20 TH Edition & API 16C 2 nd Edition Monogrammed - PED 97/23/EC Module H, CE Marking
Ratings: P-X Temperature Rating (-20°F to 350°F), PR2, PSL3G & Material Class EE-NL for H2S service - Undergone Appendix B Testing

¹Additional choke models are available upon request

XCI Drilling Choke Control Consoles

It is essential to maintain and monitor downhole pressure with accuracy. Neeco's WELLCON™ XCI series consoles functions the drilling chokes with efficiency and reliability, giving the driller complete control and confidence needed to safely control and monitor the well.

DRILLING CHOKES CONSOLE FEATURES
Certifications: API Specification 16C Monogrammed
Pressure Ratings: Standpipe and Casing pressure readings via transmitters and/or de-boosters: - 6K, -10K, -15K, -20K configurations
Design: Digital mud pump stroke counter for 2, 3 or 4 triplex pump rig layouts - Same skid for single choke or dual choke requirement - Analog or digital instrumentation - Removable S.S. 316, laser etched, panel face
Operation: Pneumatically operated hydraulic pump w/ integrated fluid reservoir (10 gal.)
Benefit: Compatible with other 3rd party chokes on the market



DUAL CHOKES CONSOLE
MODEL XCI, 15K PSI



S.S. 316 PANEL FACE

