

HY-LOK WORLD

Hy-Lok HY-LOK CORPORATION

**FOR A
BETTER
TOMORROW**

Hy-Lok HY-LOK CORPORATION

PR-E JAN. 2015



OFFSHORE

Producing oil and gas from Subsea oil well,
transferring output.



Hy-Lok possesses world-class production facilities to be satisfied with strict technical specification and quality standard required in offshore industry, and the quality is achieved from major companies.



Double Block & Bleed Valve

Manual Ball Valve

LNG

Storage and transportation LNG taking up about 1/600 the volume of natural gas in the gaseous condition.



LNG cryogenic valves required at low temperature down to -196°C are installed and supplied to international outstanding LNG carriers.



Cryogenic Ball, Needle Valve

CHEMICAL & PETROCHEMICAL

Producing diversified fuels and chemicals derived from petroleum.



A long term process safety and regular maintenances are required petrochemical instrumentation field. Hy-Lok produces stainless steel products having a high corrosion and heat resistance, and products of chemically resistant special materials.

Market share



Hy-Lok Tube Fitting, Gate Valve, Modular Valve



POWER PLANT

Generating electricity by spinning turbine using high pressure and high temperature steam in a boiler.



Hy-Lok products are variously qualified to meet extreme condition of high temperature and pressure in large scale of plant sector such as thermal power plant and nuclear power plant, and our products are installed in large scale of power facilities in the world market.



Manifold Valve

Hy-Lok Tube Fitting



Hy-Lok designs and manufactures air-braking module and components which meet strict operating conditions of high speed electric locomotive, and they have been performed successfully.

ROLLING STOCK

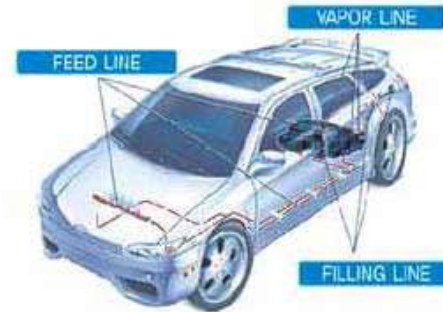
Manufacturing rolling stocks running on rails for freight and passenger transport.



DIN2353 Tube Fitting, RS Fitting

CNG

Producing compressed natural gas under high pressure and filling CNG Vehicles.



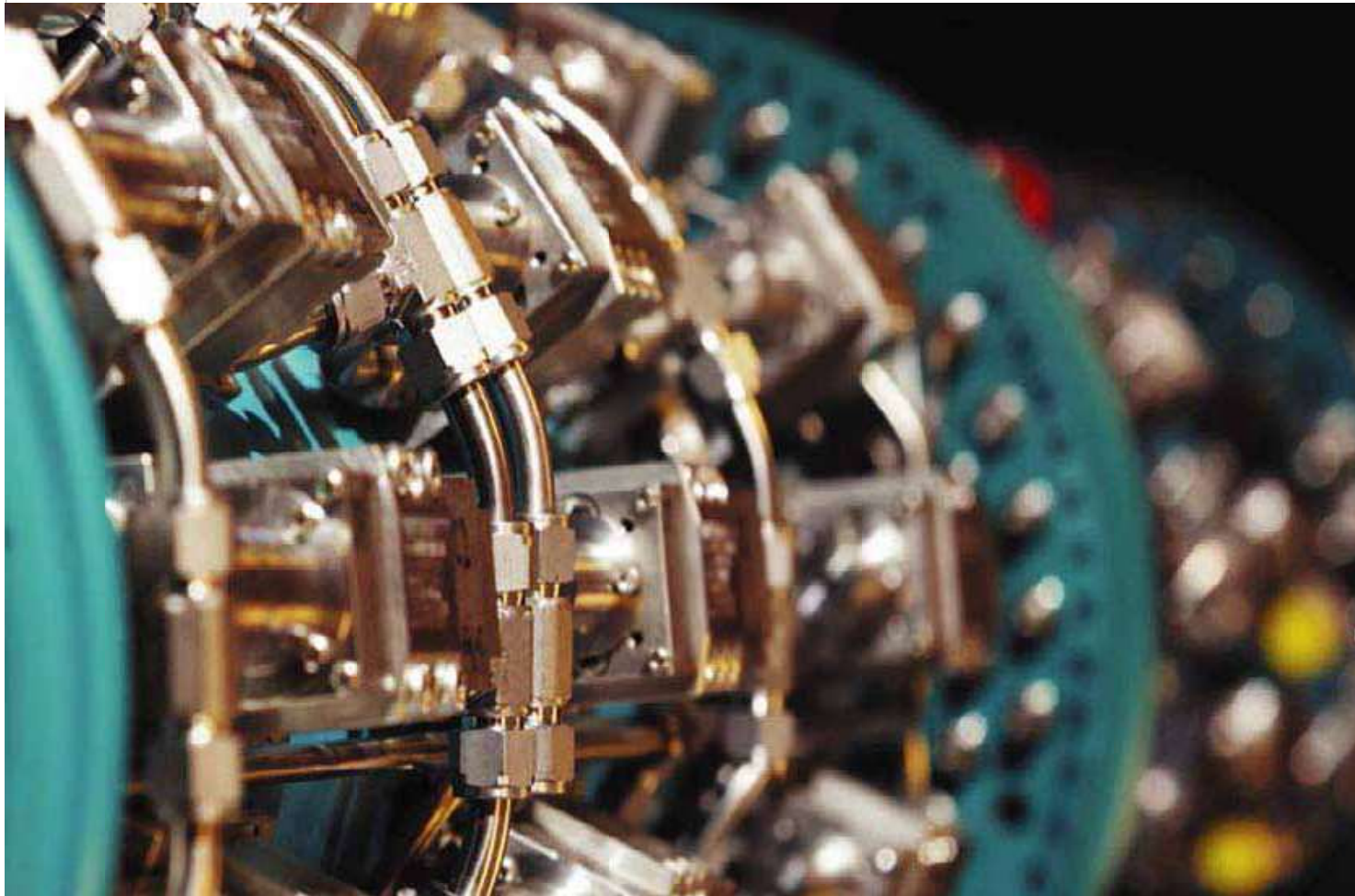
Quality of diversity products for natural gas vehicle fuel system is achieved by world-wide major automobile companies.



Receptacles Ball & Check Valves Gas & Tee Filters Tube Fittings

MACHINERY

Production of machine and equipment to support or replace human production activities.



Hy-Lok provides services for customized solution by clients and products complied with various standards, such as SAE, DIN, ISO for diverse machinery equipment piping components.



SO Series Ball Valve, Hy-Lok Tube Fitting

PRODUCTS LINE-UP

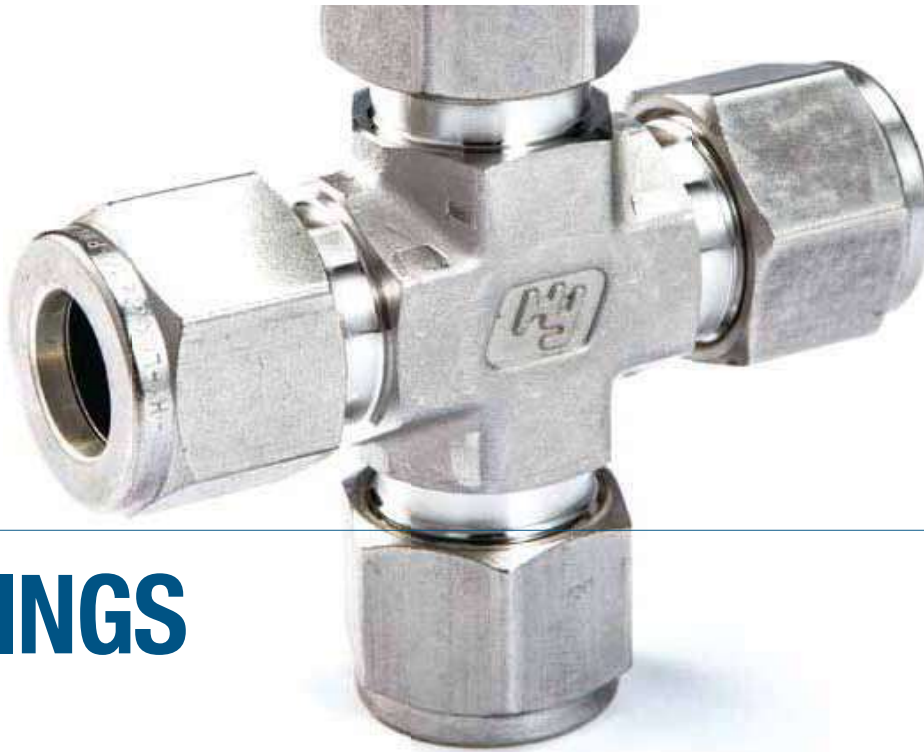


Fittings

Valves

Package Solution

Ezy-Tools



FITTINGS

Hy-Lok Fittings have been designed with great care to meet the specifications required for a wide range of applications in a various industries and satisfied production standards.

Hy-Lok Fittings have been used in Most of the industrial fields and supplied to well-known end users in the world on the basis of the best quality and reliable and wide technology.

- Hy-Lok Tube Fitting
- Bite Type Tube Fitting (DIN 2353)
- 37° Flared Tube Fitting (SAE J514)
- OF O-ring Face Seal Fitting
- High Pressure Fitting
- Clean Fitting
- Instrument Thread & Weld Fitting
- Pipe Fitting (ASME 16.11)
- Hydraulic Flange (SAE J518/ISO 6164)

Hy-Lok Tube Fitting

CAT NO. H-200TF

APPLICATIONS

- Instrumentation, High pressure service, General service

FEATURES

- Compression two ferrule design
- Vibration resistance
- Complete interchangeability
- Gaugeability
- Excellent make up and re-make life



Bite Type Tube Fitting (DIN 2353)

CAT NO. H-230TF

APPLICATIONS

- Hydraulic, Pneumatic, Lubrication

FEATURES

- Bite type single ferrule design
- According to DIN 2353/ISO 8434-1
- Two-cutting edges and stop edge design
- Useable hoses connection
- LL Series - Very Light/ L Series - Light/ S Series - Heavy



37° Flared Tube Fitting (SAE J514)

CAT NO. H-240FF

APPLICATIONS

- Hydraulic, Pneumatic

FEATURES

- 37° angle and seats design
- According to SAE J514/ISO 8434-2
- Useable with either metric or inch tubes
- Vibration resistance
- Available O-ring seal
- Usable Hose connection



OF O-ring Face Seal Fitting

CAT NO. H-260CF

APPLICATIONS

- High pressure service, Hydraulic system, Gas process

FEATURES

- O-ring face seal design
- According to SAE J1453/ISO 8434-3
- Zero clearance provides
- Easy maintenance
- High pressure



High Pressure Fitting

CAT NO. H-100HP

APPLICATIONS

- Oil & Gas process, Injection system

FEATURES

- Coned and threaded connection design
- Repeated assembly and disassembly
- Increased pressure handling capability
- Sour gas service available



Clean Fitting

CAT NO. H-250CF

APPLICATIONS

- High purity gas line, Vacuum system

FEATURES

- Auto welding design
- 316, 316L, VOD, VIM, VAR Stainless Steel
- Cleaning : 18cm Hot D.I water
- Cleanliness : Class 10
- Helium leak rate 1 x 10 atm,cc/sec,



Instrument Thread & Weld Fitting

CAT NO. H-300PF

APPLICATIONS

- Instrumentation, General service

FEATURES

- Thread : Available NPT and ISO pipe thread end
- Weld : Available socket and butt weld end



Pipe Fitting (ASME 16.11)

CAT NO. H-310PF

APPLICATIONS

- Power plant, Chemical, General service

FEATURES

- Forged material
- Pipe thread, Socket weld end
- Available NPT, BSPT
- According to ASME B16.11 / MSS-SP95



Flange : Hydraulic Flange (SAE J518/ISO 6164)

APPLICATIONS

- High pressure service
- Hydraulic system

FEATURES

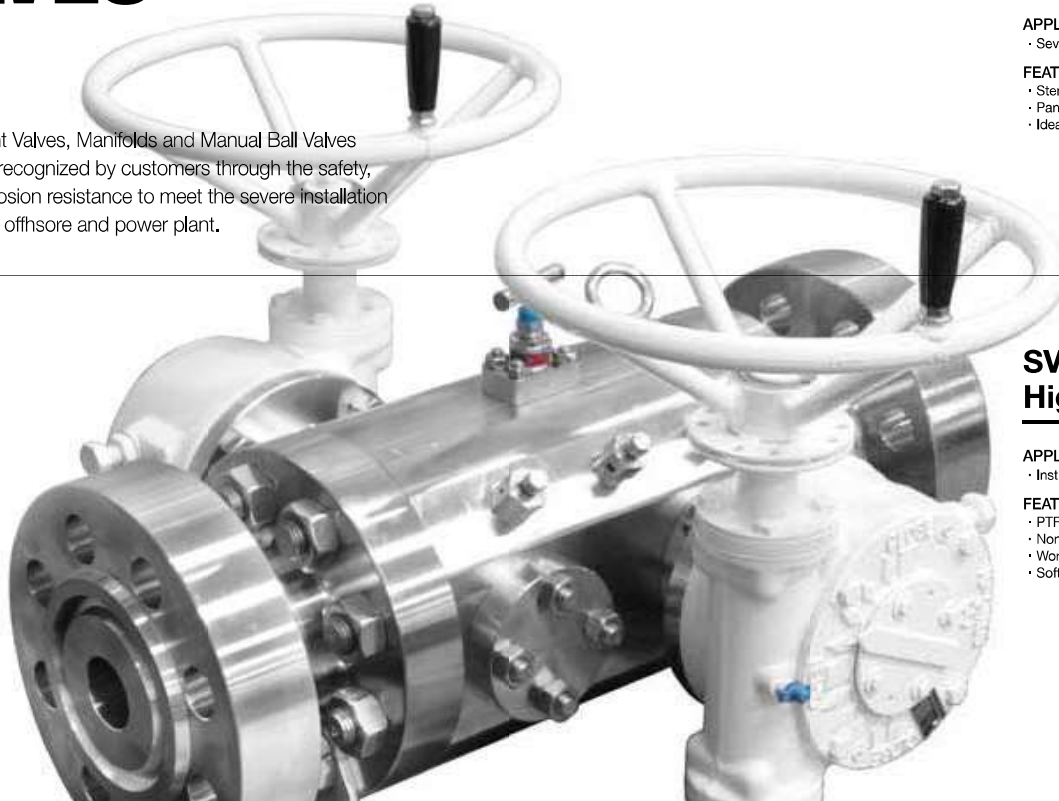
- O-ring face seal design
- According to SAE J518/ISO 6164
- Easy repair and maintenance
- Compact design
- Available bonded seal face



- NV & SV Series : Integral Bonnet Needle Valve
- GB & GH Series : Union Bonnet Needle Valve
- SVH 1, SVH 2 Series : High Pressure Needle Valve
- RP Series : Rising Plug Valve
- M Series (2, 3, 5 Valve) : Instrument Manifold/Gage/Root Valve
- Double Block & Bleed Valve (DBB Valve)
- Monoflange
- 102 Series : High Pressure Ball Valve
- 110 & 110P Series : Low Pressure Ball Valve
- 112 Series : Capsuled Ball Valve
- 115 Series : Ball Valve
- SO Series : Swing Out Ball Valve
- 105 Series : High Pressure Ball Valve
- T Series : Trunnion Ball Valve
- P Series : Plug Valve
- 700 Series : Check Valve
- 700H Series : High Pressure Compact Check Valve
- RV1, RV2 Series : Relief Valve
- FT Series : Micron Tee Filter
- FI Series : Micron In-Line Filter
- Bleed & Purge Valve
- DV Series : Diaphragm Valve
- Cryogenic Needle & Ball Valve
- 116 Series : SAE Flanged Ball Valve
- 118 Series : ANSI Flanged Ball Valve

VALVES

Hy-Lok Instrument Valves, Manifolds and Manual Ball Valves have been highly recognized by customers through the safety, reliability and corrosion resistance to meet the severe installation condition such as offshore and power plant.



NV & SV Series : Integral Bonnet Needle Valve

CAT NO. H-100NV & H-101NV

APPLICATIONS

- Instrumentation, General service

FEATURES

- For positive leak tight shut-off and regulation of flow
- Choice of three stem tips
- Soft tipped optional seating available for gaseous



GB & GH Series : Union Bonnet Needle Valve

CAT NO. H-102NV & H-104NV

APPLICATIONS

- Severe service, High pressure and temperature

FEATURES

- Stem packing below the threads
- Panel mount
- Ideal for steam blow down



SVH 1, SVH 2 Series : High Pressure Needle Valve

CAT NO. H-103NV

APPLICATIONS

- Instrumentation, High pressure service

FEATURES

- PTFE Packing provides leak tight seal
- Non rotating tips
- Working pressure up to 10,000psi(690bar)
- Soft tipped optional seating available for gaseous



RP Series : Rising Plug Valve

CAT NO. H-RP100

APPLICATIONS

- Sour gas service, Oil & Gas process

FEATURES

- High flow capacity
- Roddable O-ring seal and soft seat
- Straight through flow pattern
- 100% repeatable bubble tight shut off



M Series (2, 3, 5 Valve) : Instrument Manifold/Gage/Root Valve

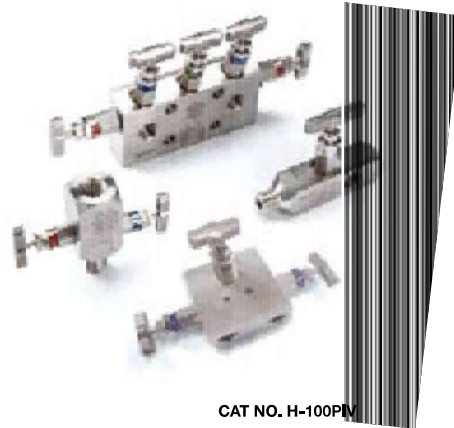
CAT NO. H-120MV

APPLICATIONS

- Pressure & Differential pressure measurement

FEATURES

- 2-Valve : Block and bleed
- 3, 5-Valve : Block and bleed, Equalize
- Root Valve : Available OS & Y bonnet and multi port



Double Block & Bleed Valve (DBB Valve)

CAT NO. H-100PM

APPLICATIONS

- Primary isolation in Oil & Gas process

FEATURES

- Saving on space and cost
- Increased safety
- Easy installation and maintenance
- Fire safety designed to API 607/6FA
- Available Ball or Needle Valve



Monoflange

CAT NO. H-100PIV

APPLICATIONS

- Primary isolation, Pressure measurement

FEATURES

- 2 Block needle valve and 1 bleed needle valve
- Saving on space and cost
- Increased safety
- Easy installation and maintenance
- Available vertical or horizontal installation



102 Series : High Pressure Ball Valve

CAT NO. H-102BV

APPLICATIONS

- High pressure service, Instrumentation, Gas process

FEATURES

- Easy replacement of ball seats,
- 2-way shut-off, 3-way switching designs
- Wide temperature application range
- Working pressure up to 6000psi(413,7bar)
- Low operation torque



110 & 110P Series : Low Pressure Ball Valve

CAT NO. H-110BV & H-110BPTV

APPLICATIONS

- Pneumatic, Multi-Purpose, General service

FEATURES

- Compact design with one pipe hexagon body
- Low operation torque
- Available locking device
- Available push turn handle (110P Series)



112 Series : Capsuled Ball Valve

CAT NO. H-112BV

APPLICATIONS

- Instrumentation, Oil & Gas process

FEATURES

- Available in Multi ports with 3-way, 4-way, 5-way...
- 3-way switching or selecting
- Two-piece seat fully encapsulated the ball
- Minimum dead space is easily cleaned
- One piece compact design,
- Full operating pressure in any port



115 Series : Ball Valve

CAT NO. H-230TF

APPLICATIONS

- Hydraulic System, Oily media

FEATURES

- Available Fire safety designed to API 607, BS 6755 Part 2
- High pressure range
- Full bore design
- Available locking device



SO Series : Swing Out Ball Valve

CAT NO. H-SOBV

APPLICATIONS

- Instrumentation, Oil & Gas process

FEATURES

- Stamdred, Easy swing out,
- Zero clearance for repairs in line
- Anti-static device, Locking device
- Spring loaded seats and stem seals
- Long life cycle
- Available up to 1" flow design



105 Series : High Pressure Ball Valve

CAT NO. H-105BV

APPLICATIONS

- High pressure service, Oil & Gas process

FEATURES

- 2-way shut off, 3-way switching designs
- Fire safety design
- Available locking device
- NACE MR-01/075 compliant materials available



T Series : Trunnion Ball Valve

CAT NO. H-100TBV

APPLICATIONS

- High pressure service, CNG fueling system

FEATURES

- 2-way shut off, 3-way switching or selecting designs
- Spring loaded ball seats, Low operation torque
- Full operating pressure in any port
- Trunnion bearings provide high cycle life
- 10,000psi(689bar) rating with Peek Seat
- Excellent for CNG



P Series : Plug Valve

CAT NO. H-P100

APPLICATIONS

- Instrumentation, General service

FEATURES

- Throttling capability with straight-through flow
- Easy replacement of plug and O-ring
- O-ring plug seat
- Low operation torque
- Optional Upstream or downstream vent
- Typically used in laboratories



700 Series : Check Valve

CAT NO. H-700T

APPLICATIONS

- Oil & Gas process

FEATURES

- Poppet design, O-ring seat provide leak tight
- Back stopped poppet to minimize spring stress
- Cracking pressure : 1/3, 1,5,10, 25 and 100psi



700H Series : High Pressure Compact Check Valve

CAT NO. H-700T

APPLICATIONS

- High Pressure service, Oil & Gas Process, General service

FEATURES

- Poppet design, O-ring Seats provide leak tight
- Provide large flows, Minimum of chatter and fluctuation
- Suitable for high integrity leak rates and re-sealing capabilities
- Back stopped poppet to minimized spring stress
- Cracking Pressure : 1/3, 1, 5, 10, 25, 50, 75 and 100psi
- High pressure



RV1, RV2 Series : Relief Valve

CAT NO. H-RV100

APPLICATIONS

- Prevent over pressure

FEATURES

- Angle pattern
- External relief setting
- Provide large flows

- RV1**
- Adjustable pressure setting
 - One spring, Cracking pressure range 10-250psi
 - Working pressure up to 3000psi(206bar)
 - Color coded springs and labels indicate spring cracking range

- RV2**
- Adjustable pressure setting
 - Seven springs, Cracking pressure range 225-6000psi
 - Working pressure p to 6000psi(413bar)
 - Preset from factory and comes with standard springs



FT Series : Micron Tee Filter

CAT NO. H-F100

APPLICATIONS

- Particle trapping, Sampling system

FEATURES

- Tee pattern
- Easy replacement of filter elements
- Optional by pass port : Provided purging sampling, Self-cleaning
- Replaceable sintered 316 Stainless Steel filter element



FI Series : Micron In-Line Filter

CAT NO. H-F200

APPLICATIONS

- Particle trapping

FEATURES

- Compact in line pattern
- Replaceable sintered 316 Stainless Steel filter elements



Bleed & Purge Valve

CAT NO. H-100BPV

APPLICATIONS

- Bleeding or purging of liquids and gaseous

FEATURES

- Compact design
- Ensure safe relief of system pressure
- Valve vent line pressure to atmosphere



DV Series : Diaphragm Valve

CAT NO. H-DV100

APPLICATIONS

- Semiconductor, Biotech, Pharmaceutical

FEATURES

- 2-way Design
- 316L VOD Stainless Steel
- Metal bellows seal
- Long life cycle
- PCTFE seats



116 Series : SAE Flanged Ball Valve

CAT NO. H-116BV

APPLICATIONS

- Hydraulic system, Fire fighting system

FEATURES

- Compact design
- Fire safety designed to API 607, BS 6755 part 2
- High pressure
- Available ISO flange



Cryogenic Needle & Ball Valve

CAT NO. H-CRYO100

APPLICATIONS

- Cryogenic service, LNG/LPG, Liquefied Nitrogen

FEATURES

- Easy maintenance of in-line
- Dust cap functions as position indicator as well
- Top entry bolted extension bonnet
- Fire safety designed to API 607/6FA, BS 6755 Part 2



118 Series : ANSI Flanged Ball Valve

CAT NO. H-118BV

APPLICATIONS

- Hydraulic system, OIL & Gas process

FEATURES

- Fire safety designed to API 607, BS 6755 Part 2
- Available Forging & Casting material



Oil & Gas

Type	User	Project Name	Clients
FPSO	BP	BP Q204 FPSO	HHI
	INPEX	Ichthys FPSO	DSME
	TEEKAY PETOROJARL	TEEKAY FPSO	SHI
	Eni-Norge	Goliath FPSO	HHI
	TOTAL	CLOV FPSO	DSME
FPU	TOTAL	Pazflor FPSO	HHI
		USAN FPSO	HHI / HSHI
		MOHO NORD FPU	HHI / HSHI
CPF	INPEX	OFON Field Development Phase-2	HHI
	ADMA-OPCO	Ichthys CPF	SHI
DRILLSHIP	ENSCO	Umm Lulu Package-1	NPOC
	MAERSK	ENSCO GF Topside	SHI
	ROWAN	MAERSK Drillship #4	SHI
		MAERSK Drillship #1~2	HHI
	OCEAN RIG	ROWAN Drillship	SHI
	Diamond Offshore Drilling	Cardiff Drillship #5	SHI
	FRED OLSEN	Diamond Drillship	HHI
	NOBLE	FRED OLSEN DRILLSHIP	HHI
	PACIFIC DRILLING	Noble Drillship	SHI
	Pride International Inc.	PDC Drillship #5~6	SHI
		Pride Drillship #5	SHI
		Pride Drillship #4	SHI
	QUEIROZ Galvao Oleo E Gas S.A	Pride Drillship #3	SHI
		Pride Drillship #2	SHI
		GGOG Drillship #1~2	SHI
	Sea Drill	Seadrill #4~5	DSME
	Vantage Drilling Company	Vantage Drillship	SHI
	ETESCO	ETESCO 0 Drillship	SHI
	Odebrecht Perfuracases Ltd	Odebrecht Drillship Norbe X	DSME
		Odebrecht drillship #1	DSME
	Cardiff Marine Inc.	Odebrecht Drillship ODN #2	SHI
		Cardiff Drillship #3~4	SHI
DRILLING RIG	Deep Sea Metro	Cardiff Drillship #1~2	SHI
	Pioneer Drilling Co(PDC)	DSM-DRILLSHIP	HHI
	TPM	PDC Drillship #4	SHI
		PDC Drillship #3	SHI
		PDC Drillship #2	SHI
	Petroserv SA	PDC Drillship #1	DSME
	Schahin	Petroserv Drillship TBN #1	SHI
	Schahin	Schahin #2	SHI
	Schahin	Schahin #1	SHI
	TMT	TMT Drillship #2	DSME
	Transocean Inc.	Transocean Drillship	HHI
	FRED OLSEN	FRED OLSEN SEMIRIG	HHI
	Songa Offshore	Songa offshore Cat.D Drill Semi-Rig #4	DSME
		Songa offshore Cat.D Drill Semi-Rig #3	DSME
		Songa Offshore Cat.D Drill Semi-Rig #2	DSME
		Songa offshore Cat.D Drill Semi-Rig	DSME
PIPE LINE	ADMA-OPCO	SARIB Package 4	HDEC
	Diamond Offshore Drilling	DIAMOND SEMIRIG	HHI
	Petroserv SA	Petroserv GVA 7500 Semi Rig #2	DSME
	LLC Gazflot	Gazflot Semi-Sub Drilling Rig #2	SHI
	GRUPO R	GRUPO R GVA 7500 Semi Rig #2	DSME
PLATFORM	ADMA-OPCO	ZAKUM Oil Lines Replacement Phase 1	NPOC
	Rasgas	Flow Assurance	HHI
	ZADCO	Upper Zakum 750	DSME
	Carigali Hess	Carigali BCP (Booster Compression)	HHI
	Chevron	Matumeira S4 Fixed Platform	DSME
PLATFORM	Rasgas	BARZAN Gas Platform & Pipe Line	HHI
	TOTAL	BARZAN Gas Development	SHI
	Daewoo International	Martin Linge Platform	HHI
	NIOC	SHWE	HHI
		South Pars #22,23,24 Offshore Facilities	SADRA
		South Pars #20,21 Off-Shore	IOEC
		South Pars #17&18 Offshore Facilities	IOEC
	NIOC	South Pars #14 Offshore Facilities	IOEC
		South Pars #14 Offshore Facilities	IOEC

Oil & Gas

Type	User	Project Name	Clients
PLATFORM	NIOC	South Pars #12	IOEC
	ADGAS	South Pars #13 Offshore Facilities	SADRA
		IGD-Das Island PJT(Offshore)	HHI
	Saudi Aramco	Karan Gas Field Development Project(Offshore)	J-Ray Modernott
		Aramco Manifa Platform	HHI
	Burullus Gas Company	West Delta Deep Marine Concession Phase VII	ENPPI/Technip
	PTT EP	Bongkot Field Phase 4A	HHI
Agency for Defense Development	Agency for Defense Development	K247 Submarine Underwater Launching Platform	DSME

Shipbuilding

Type	User	Project Name	Clients
LNG	Teekay LNG Partners	Teekay 173,400 CBM LNG Carrier	DSME
	BGT (Bonny Gas Transport)	BGT LNG Carrier(2076~2079)	SHI
	Maran Gas	Maran 155,900 CBM LNG Carrier (2288,2291/2/5/6)	DSME
	Cardiff Marine	CARDIFF 159800 CBM LNG CARRIER	HHI
	Dynagas	Dynagas LNG (2556, 2557, 2558, 2559, 2560)	DSME
	AWILCO	AWILCO 155,900 CBM LNG Carrier (2289)	DSME
	Thenamaris	Thenamaris LNG (2045, 2046)	SHI
	GOLAR LNG	GOLAR (2021~2024, 2026~2027, 2047~2048)	SHI
	GASLOG	GASLOG (1946,1947,2016,2017,2041~2044)	SHI
	BGP INC	Seismic Research Vessel	SKHI
OSV	Nordcapital Co	AHTS(Anchor Handling Tug Supply) Vessel 167	Rolls-Royce
	BP Amoco Shipping	83M Platform Supply Vessel	DSME
	Tidewater marin INC	88m Anchor Handling Towing Supply Vessel	CIMC FAFFELES
	Blue Star Ferries Maritime	145M Fast Passenger Car Ferries(7509/7510)	DSME
Ferry	COTUNAV	Ro Ro Passenger Car Ferries CTN (7511)	DSME
RORO Ship	NAVY	ATIS-2	DSME
Warship			

Chemical & Petrochemical

User	Project Name	Clients
UZ-KOR GAS CHEMICAL LLC	UGCC GSP AND POLYMER	SECL
	Carbon black & Delayed Coker	SECL
	Green Diesel	SECL
TAKREER	Inter Refinery Pipeline-2	GSEC
	Ruwais Refinery Expansion - PKG2, 7	Daewoo
	Ruwais Refinery Expansion - PKG4	SECL
	Ruwais Refinery Expansion - PKG3	HDEC
	Group 3 Base Oil Production Facilities	SECL
SAMSUNG TOTAL PETROCHEMICALS	No. 2 Aromatics Complex	DAELIM
	Yanbu Export Refinery #4	DAELIM
	Yanbu Export Refinery #3	DAELIM
Saudi Aramco	Yanbu Export Refinery #2	SKEC
	Karan Utilities and Cogeneration	Petrofac
	Manifa Gas Facilities	GSEC
	Karan Gas Field Development	HEC
	Ras Tanura DHT	SECL
Petron Corporation	Petron Bataan Refinery Master Plan 2	DAELIM
JG SUMMIT Petrochemical	JG Summit NCC	DAELIM
Honam Chemical	Yeosu Petro-Chemical P2	HDEC
	HPCEM2	SECL
GS Caltex	VGOFCC	GSEC
	GS Caltex HOU No.3	GSEC
Petrotrin	Ultra Low Sulphur Diesel Unit	SECL

Chemical & Petrochemical

User	Project Name	Clients
NSRP	NSRP Complex	JGCS
	South Pars #13, 22, 23, 24 Onshore Facilities	Petrokish
	South Pars #17, 18 Onshore Facilities	IPMI
	South Pars #15 & 16 Onshore Plant	Biffi
NIOC	South Pars #15 & 16 Onshore Plant	Petrokish
	South Pars #12 Onshore Facilities (EPC-2)	DAELIM
	South Pars #12 Onshore Facilities	NARGAN
	South Pars #6, 7, 8 Onshore Facilities	JTD-JV
SOCO	SOCO AA	
SAMCO / SAAC	SAMCO Acrylic Acid Complex	SECL
PETRONAS CARIGALI SDN BHD	SABAH OIL AND GAS TERMINAL (SOGT)	
Saudi Kayan	Saudi Kayan Petrochemical Complex PolyCarbonate Facilities	DAELIM
	Saudi Kayan Petrochemical Complex PP & PH Facilities	SECL
	Saudi Kayan PH(Phenolic)	Technicas Reunidas
	Saudi Kayan LDPE	DAELIM
Electricity State Commission	QUDUS / 3 Gas Turbines Power Plant	
Petronas Gas	Plant Rejuvenation and Revamp 2	HDEC
Nigerian Agip Oil Company	Ogbainri Flowstation Upgrading	DWEC
Opal	Opal DFCU & AU	SECL
KOC	New 30" Crude Transit Line (TL-4)	ABB
	Booster Station 132 (BS-132)	SKEC
	Building New Gathering Center GC-24	SECL
Kuwait Oil Co.	KOC PIPE LINE	HDEC
	KOC Crude Export Line New GC-16 Band	Combined Group Contracting CO
	Khesht Oil Field Development	SADRA
ICOFC/OEID	Jubail Export Refinery #3 Aromatic Units	SECL
SATOP	IGD-Das Island	HHI
ADGAS	Fertil -2 Ammonia Urea Complex	SECL
Ruwais Fertilizer Industries	H PROJECT	SKEC
SK Innovation	BTX	HHI
HC Petrochem CO.	BLACKGOLD	GSEC
Harvest Operations Corp.	Turkmenistan Gas Desulfurization Plant	HEC
Turkmen Gas	S-Oil Onsan Refinery Expansion	SECL
S-Oil	S-Oil Alkylation	HEC
Sonatrach	Arzew Refinery Renabilitation & Adaptation	Hanwha / HEC
	Skikda Refinery Renabilitation & Adaptation	
Terminal KMS DE GNL	Mansanillo LNG Terminal	SECL
BAPCO/ Neste Oil/Nogaholding	Leste Lube Oil	
Gazprom	Shell Sakym Petroleum Development	Shell S.P.D
Hyundai Oilbank	NEW FBC BOILER #8	HHI
	HDO #2 HOU	HDEC/DAELIM
GASCO	Habshan-5 Utilities & Offsites	HDEC
NIGC	Gas Jubail Phase-VIII	
SK ENERGY	FCC Denitrification	SECL
	SDA	
ADCO	SK Energy BTX Revamp	
PV TEX., JSC	Bab Gas Compression	SKEC
Petrovietnam	Dinh Vu Polyester Plant	HEC
Grupa Lotos	Petrovietnam Polypropylene Plant	HDEC
	Butane Deasphalting SDA/Rose	Technip Italy
Thai Polypropylene Co., Ltd.	PKRT	
	THPP Polypropylene #3	SKEC
PTT Public Co.	The 6th Gas Separation Plant (GSP-6)	SECL
PEQUIVEN	Ethane Separation Plant	
	PEQUIVEN Moron Fertilizer Complex	Toyo Eng.
Arabian Amines Co.	AAC Ethylene Amines Plant	HEC
Sibur-Khimprom ZAO	220KTY ETHYL BENZENE PLANT	Toyo Eng. Korea
Saudi Arabia Mining Co.	Ma'aden Ammonia	
BOROUGE	BOROUGE #2 CCU	
MOC	MOC Cracker	SECL
PETROTRIN	PETROTRIN NHT & CCR Platform Complex	
Belleli Energy	Chinavorskoe Oil & Gas Condensate Field	Russia Exterran
HMC Polymers Co., Ltd.	HMC PP Line No. 3	GSEC

Power Plant

Type	User	Project Name	Clients
Thermal Power Plant	KOWEPO	Tasean IGCC PJT (380MW)	Doosan
	KOMPO	Sin-Boryeong #1, 2 PJT	HHI
	SEC	Jeddah South Thermal Power Plant Stage-1	Doosan
		Rabigh 2	Doosan Power System India
	NTPC	Kudgi Super Thermal Power Plant	Doosan GS E&C
	KOSEP	Youngheung Thermal #5, 6	Doosan
	EVN	Yeosu Thermal #2	Doosan
	EWP	Mong Duong 2 Thermal Power Plant	DAELIM Hitachi
	GULF JP	Dangjin Thermal #9&10	TOYOTA
	Gimcheon Energy	THAILAND Small Power Producer GULF JP	SK E&C
	ENERUISA	Gimcheon Energy Project	Doosan
	EDEPC	Tufanbeyli Thermal Power	HDEC
	GECOL	Ain Sokhna	MABE(Marie Technimont, EFACEC)
	MPX BRAZIL	Al Khaliq 4x350MW Power Plant	
	KEPCO SPC, Salcon Power Plant	PORTO DO PECÉM (720MW)	
	Cirebon Electric Power	CEBU Power Plant	
Nuclear Power Plant	EGAT	Cirebon TPP	Doosan
	AES Gener + BHP Billiton	GHECO-ONE Coal Based Power Plant	
	KOSPO	Campiche Coal Fired Power Plant	Doosan/HEC
	ENEC	Yeongwol Combined Cycle Thermal Power Plant	KEPCO E&C
		Barakah Nuclear Power Plant Units #3, 4	Doosan / KHNP
		Barakah Nuclear Power Plant Units #1, 2	Doosan / KHNP
		Sin-Hanul Nuclear Power Plant #1, 2	Doosan
		Sin-Wolsong Nuclear Power Plant #1, 2	Doosan
		Yonggwang Nuclear Power Plant #3, 4	Doosan
		Yonggwang Nuclear Power Plant #1, 2	Doosan
Desalination Plant	GE Energy	GE Energy	Northwest Process Control
	Bechtel	River Protection Project	
		Yanbu Phase II, III	
		Ras Al Khair	
		Jeddah Swro-3	Doosan
		Ras Az Zawr	
		Yanbu MED	
	MARAFIQ	Marafiq STG #5, 6	Hanwha E&C
	MEW	Az-Zour North IWPP Phase 1	HHI
	SEC	Riyadh PP12 Project	ALSTOM
Combined Cycle Power Plant		Riyadh PP10 Project	NAZAK
	Dongducheon Dream Power	Quayyah Combined Cycle Power Plant	Doosan
	EMAL	Dongducheon LNG Combined Thermal Power	IPACK
	Pocheon Power	EMAL PHASE 2 CCPP PROJECT	Samsung C&T
	KOMPO	Pocheon LNG Combined Thermal Power	IPACK
	EGCB	Sejong CCPP Project	
	SK	New Haripur Power Plant	
	SIEMENS	Osung HRSG	Doosan
	OPWP	Nhon Trach HRSG	
		TOUL HRSG	
		Sohar 2 & Barka 3	
		Isfahan 2 Combined Cycle Power Plant	
		Parehsar Combined Cycle Power Plant	
	IPDC	Shirvan 3	MAPNA BOILER
		ABADAN 2	
	Wood Group	Genaveh HRSG	Doosan
Qatar Petroleum	KEPCO	Wood Group Gas Turbine Service	HYLOK D
	Hyundai Energy	Gwanggyo Combined Cycle Power Plant	DAELIM
	Yazd Power Generation Company	Yeosoo CCGT Plant	HHI
	MAPNA	Yazd-B,Q,C, Combined Cycle Power Plant	MASBA
	DEC	Jandar Combined Cycle Power Plant	MAPNA BOILER
	Kalpa Generation S.A	Riyadh PP11 IPP Project	HHI
	MEW	Peru CCGT	Jel
	MOF	SABHYA CCGT Power Station	HHI
	Korea District Heating Corp.	Al Dur IWPP	
	Maaden Phosphate	Paju Combined Heat & Power plant	KEL ENG
	Duke Energy Corp.	Maaden Phosphate Project	Hanwha
	TATA Power	Edwardsport HRSG	Doosan
	GECOL	Mundra Ultra Mega Power Plant	
		Benghazi Combine Cycle Power Plant	DAEWOO
		Misurata Combine Cycle Power Plant	
		Qatarium Combined Cycle Power Plant	Doosan

GLOBAL NETWORK

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