



aerospace
climate control
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filtration
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pneumatics
process control
sealing & shielding



Blowout Preventer Hose System

for exploration and deep drilling
in the Oil & Gas Industry



ENGINEERING YOUR SUCCESS.

Blowout Preventer Hose System

for exploration and deep drilling
in the Oil & Gas Industry



The Blowout Preventer Hose Systems is a vital part of exploration and drilling equipment in the very demanding Oil & Gas market. Optimum performance combined with the highest safety is the main aspect here.

The Parker Blowout Preventer (BOP) Hose System with high quality components, all made in Europe, is the ideal product choice. The BOP system is made with our well-known ParLock multispiral hose range combined with Interlock connection, fire sleeves and steel and stainless steel amour to protect the system from external shock. All components are especially designed to be in accordance with the safety requirements for oil and gas applications. The Parker Blowout Preventer system is thoroughly tested to meet or exceed the demands of Lloyds Register for the API16D certificate and is also MSHA approved. Material options for the fittings and metal protection are steel or stainless steel.

The assembly process of all the components guarantees our customers the highest flexibility and the easiest installation on site.

Together with the new BOP Hose System, Parker Hannifin offers a wide range of hose and fittings for drilling applications such as hose type R35TC, big bore spiral hose, with a working pressure of 35.0 MPa for size -40 (R35TC-40) and for size -48 (RS35TC-48). In cases of dynamic application, 21.0 MPa for size -48. Our offer is completed by the No-Skive Elite hose range with outstanding technical performance in terms of increased abrasion resistance, higher pressure ratings, better fluid compatibility, tight bending radii, compact thin cover and a temperature range from -50 °C up to +125 °C.

Partnering with Parker Hannifin means you will get everything from one single source, well-known product names and matching systems, certified by international certification bodies. You can rely on our performance.

**Tested & certified to
API16D by Lloyds Register**

**Parker will deliver the
complete system,
assembled and tested**

**Assemblies made to order
according to customer's
requirements**

**Full range, from 1/2" to 2",
working at 5,000 psi
and 6,000 psi**

**Great flexibility, assured
by Parker specific system
design and assembly**

**Available in variable
length up to 40 m**

**Available with steel and
stainless steel fittings
and armour**

**Available with NPT, BSP
male and female and
integral hammer union in 2"**





Blowout Preventer (BOP) Hose Assemblies

Quality, reliability and safety for the Oil & Gas Industry

- Blowout preventer (BOP) hose range: from size -8 up to size -32 (DN 12 to DN 51)
- Variable length up to 40 m max
- 5,000 psi (35.0 MPa) and 6,000 psi (42.0 MPa) range with a safety factor 4:1
- Glass fibre fire sleeve protection – in compliance with RoHS directive 2002/95/EC
- Protected by square-locked metal flexible hose
- Material: hose fittings and metal protection available in steel and stainless steel
- Available as complete assemblies certified and approved to API16D specification and MSHA
- Accessories and hammer union adaptors type 1502 and 602 available on request

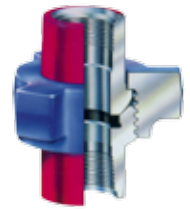


Glass fibre fire sleeve



Square-locked metal flexible hose

Hammer UNION type 1502 with NPT thread connection - Pressure Rating: 15,000 psi



Hammer UNION type 602 with NPT thread connection - Pressure Rating: 6,000 psi

BOP Hose Assemblies

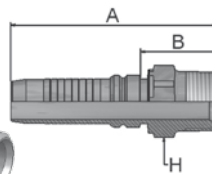
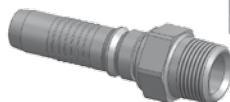
| Size | Hose range | Hose ID DN | Hose ID Size | Assembly OD mm | Max WP psi / MPa | Min BP psi / MPa | Fitting series | Min Bend Radius (mm) |
|------|------------|------------|--------------|----------------|------------------|------------------|----------------|----------------------|
| -8 | BOP-8 | 12 | -8 | 40 | 42.0 | 168.0 | VS | 180 |
| -12 | BOP-12 | 20 | -12 | 45 | 42.0 | 168.0 | V4 | 280 |
| -16 | BOP-16 | 25 | -16 | 55 | 35.0 | 140.0 | V4 | 340 |
| -20 | BOP-20 | 32 | -20 | 65 | 35.0 | 140.0 | V4 | 380 |
| -24 | BOP-24 | 40 | -24 | 80 | 35.0 | 140.0 | V6 | 480 |
| -32 | BOP-32 | 50 | -32 | 95 | 35.0 | 140.0 | V6 | 600 |

Possible Connections

Available with NPT, BSP male and female and integral hammer union in 2"

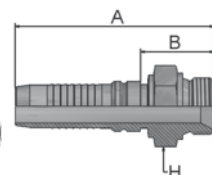
01 – Male NPTF Pipe Rigid – Straight

SAE J476A / J516 – AGN



D9 – Male BSP Parallel Pipe Rigid – Straight (60° Cone)

BS5200 – AGR



Hammer UNION on request



Fittings will be delivered in steel or in stainless steel
1.4571 (316Ti) 1.4404 (316 L) or 1.4401 (316).
The stainless steel quality for armour guards is 1.4301 (304)

HOW TO ORDER

(see also Page Aa-20 and Aa-21 in our catalogue 4400)

Example:

- Complete BOP system Size -12
- 25 m length
- One NPT Male connection
- One BSP Male connection
- Steel fittings / armour

VBOP01D9121212–25000

- V = ParLock Skive Fittings Series V6
- BOP = Hose Type
- 01 = Male NPTF Pipe Rigid – Straight
- D9 = Male BSP Parallel Pipe Rigid – Straight (60° Cone)
- 12 = size of the first connection
- 12 = size of the second connection
- 12 = size of BSP system hose
- / C = steel / stainless steel
- 25000 = Hose assembly length in mm
- Armour raw material = fittings raw material

Parker Worldwide

Europe, Middle East, Africa

AE – United Arab Emirates,

Dubai

Tel: +971 4 8127100

parker.me@parker.com

AT – Austria, Wiener Neustadt

Tel: +43 (0)2622 23501-0

parker.austria@parker.com

AT – Eastern Europe, Wiener Neustadt

Tel: +43 (0)2622 23501 900

parker.easteurope@parker.com

AZ – Azerbaijan, Baku

Tel: +994 50 2233 458

parker.azerbaijan@parker.com

BE/LU – Belgium, Nivelles

Tel: +32 (0)67 280 900

parker.belgium@parker.com

BG – Bulgaria, Sofia

Tel: +359 2 980 1344

parker.bulgaria@parker.com

BY – Belarus, Minsk

Tel: +375 17 209 9399

parker.belarus@parker.com

CH – Switzerland, Etoy

Tel: +41 (0)21 821 87 00

parker.switzerland@parker.com

CZ – Czech Republic, Klecany

Tel: +420 284 083 111

parker.czechrepublic@parker.com

DE – Germany, Kaarst

Tel: +49 (0)2131 4016 0

parker.germany@parker.com

DK – Denmark, Ballerup

Tel: +45 43 56 04 00

parker.denmark@parker.com

ES – Spain, Madrid

Tel: +34 902 330 001

parker.spain@parker.com

FI – Finland, Vantaa

Tel: +358 (0)20 753 2500

parker.finland@parker.com

FR – France, Contamine s/Arve

Tel: +33 (0)4 50 25 80 25

parker.france@parker.com

GR – Greece, Athens

Tel: +30 210 933 6450

parker.greece@parker.com

HU – Hungary, Budaörs

Tel: +36 23 885 470

parker.hungary@parker.com

IE – Ireland, Dublin

Tel: +353 (0)1 466 6370

parker.ireland@parker.com

IT – Italy, Corsico (MI)

Tel: +39 02 45 19 21

parker.italy@parker.com

KZ – Kazakhstan, Almaty

Tel: +7 7273 561 000

parker.easteurope@parker.com

NL – The Netherlands, Oldenzaal

Tel: +31 (0)541 585 000

parker.nl@parker.com

NO – Norway, Asker

Tel: +47 66 75 34 00

parker.norway@parker.com

PL – Poland, Warsaw

Tel: +48 (0)22 573 24 00

parker.poland@parker.com

PT – Portugal, Leca da Palmeira

Tel: +351 22 999 7360

parker.portugal@parker.com

RO – Romania, Bucharest

Tel: +40 21 252 1382

parker.romania@parker.com

RU – Russia, Moscow

Tel: +7 495 645-2156

parker.russia@parker.com

SE – Sweden, Spånga

Tel: +46 (0)8 59 79 50 00

parker.sweden@parker.com

SK – Slovakia, Banská Bystrica

Tel: +421 484 162 252

parker.slovakia@parker.com

SL – Slovenia, Novo Mesto

Tel: +386 7 337 6650

parker.slovenia@parker.com

TR – Turkey, Istanbul

Tel: +90 216 4997081

parker.turkey@parker.com

UA – Ukraine, Kiev

Tel: +380 44 494 2731

parker.ukraine@parker.com

UK – United Kingdom, Warwick

Tel: +44 (0)1926 317 878

parker.uk@parker.com

ZA – South Africa, Kempton Park

Tel: +27 (0)11 961 0700

parker.southafrica@parker.com

North America

CA – Canada, Milton, Ontario

Tel: +1 905 693 3000

US – USA, Cleveland

Tel: +1 216 896 3000

Asia Pacific

AU – Australia, Castle Hill

Tel: +61 (0)2-9634 7777

CN – China, Shanghai

Tel: +86 21 2899 5000

HK – Hong Kong

Tel: +852 2428 8008

IN – India, Mumbai

Tel: +91 22 6513 7081-85

JP – Japan, Tokyo

Tel: +81 (0)3 6408 3901

KR – South Korea, Seoul

Tel: +82 2 559 0400

MY – Malaysia, Shah Alam

Tel: +60 3 7849 0800

NZ – New Zealand, Mt Wellington

Tel: +64 9 574 1744

SG – Singapore

Tel: +65 6887 6300

TH – Thailand, Bangkok

Tel: +662 186 7000-99

TW – Taiwan, Taipei

Tel: +886 2 2298 8987

South America

AR – Argentina, Buenos Aires

Tel: +54 3327 44 4129

BR – Brazil, Sao Jose dos Campos

Tel: +55 800 727 5374

CL – Chile, Santiago

Tel: +56 2 623 1216

MX – Mexico, Toluca

Tel: +52 72 2275 4200

European Product Information Centre

Free phone: 00 800 27 27 5374

(from AT, BE, CH, CZ, DE, DK, EE, ES, FI, FR, IE, IL, IS, IT, LU, MT, NL, NO, PL, PT, RU, SE, SK, UK, ZA)

Parker Hannifin Ltd.

Tachbrook Park Drive

Tachbrook Park,

Warwick, CV34 6TU

United Kingdom

Tel.: +44 (0) 1926 317 878

Fax: +44 (0) 1926 317 855

parker.uk@parker.com

www.parker.com

