



Boss™ LPS Low Pressure Systems

3", 4", 6" and 8" Frac Fittings



HUM206400CS



HUF100300CS

Application:

- specifically designed for the transfer of water, chemicals and sand slurry at hydraulic fracturing sites

Sizes:

- 3", 4", 6" and 8"

Materials:

- fittings: machined iron
- male 3", 4" and 6" NPT fittings: schedule 80 steel pipe
- male 8" NPT fittings: schedule 40 steel pipe
- stems: zinc plated
- nut: forged steel
- O-ring: Buna-N

Features:

- one-piece stem design eliminates leak path experienced with two-piece threaded systems
- interchangeable with other brands; phase them into your operation
- durable and safe with reliable hose retention when crimped as specified
- Figure 100 male fitting includes nut
- Figure 206 male fitting includes nut and O-ring

Specifications:

- 3" and 4" sizes: **400 PSI (28 BAR)** working pressure at **70°F (21°C)**, 4:1 safety factor ¹
- 6" size: **150 PSI (10 BAR)** working pressure at **70°F (21°C)**, 4:1 safety factor
- 8" size: **150 PSI (10 BAR)** working pressure at **70°F (21°C)**, 3:1 safety factor

Approval:

- frac fittings iron machined to ASTM standards
- forged nuts meet AISI standards

¹ **400 PSI (28 BAR)** working pressure at **70°F (21°C)** for 3" and 4" sizes, 4:1 safety factor (SF) (*hose burst: hose working pressure*) is only achieved with:

- 3" size uses standard crimp ferrules
- 4" size requires heavy duty (HD) crimp ferrules: CF400-6CSHD through CF400-16CSHD

Note: Water and petroleum 4" ID transfer hoses rated from **100 to 300 PSI (7 to 21 BAR) WP (4:1 SF)** have excellent test results with the standard King Crimp™ ferrules *CF400-xxCS*.

Figure 206 Frac Fittings (316 stainless steel)



RHUM206100CS-1



RHUF206100CS

Application:

- used in the transfer of water, chemicals and sand slurry at hydraulic fracturing sites

Sizes:

- 1", 2" and 4"

Material:

- 316 stainless steel

Feature:

- one-piece stem design eliminates leak path experienced with two-piece threaded systems interchangeable with reliable brands

Specifications:

- 1" and 4" sizes: **400 PSI (28 BAR)** working pressure at **70°F (21°C)**; 4:1 safety factor (SF) ¹; female and male with King Crimp™ ferrules
- 2" size: **300 PSI (21 BAR)** working pressure at **70°F (21°C)**; 4:1 safety factor, female and male with King Crimp™ ferrules



¹400 PSI (28 BAR) working pressure with a minimum 4:1 safety factor (hose burst: hose working pressure) is only achieved with: 4" size requires heavy duty (HD) crimp ferrules: CF400-6CSHD through CF400-16CSHD. Heavy duty SS are not available.

Suction Service Fittings



HUSF500SW



HUSM500SW1



beveled end
STB50

Application:

- used in the transfer of dry cement, and in mud system suction lines

Size:

- 5"

Materials:

- unions and hose fittings: carbon steel
- nuts: forged steel

Features:

- socket weld male and female unions for attaching to hose fittings or pipe
- weld ready hose fittings available from Dixon®
- two-piece nut is pinned and bolted for easy service and repair

Specification:

- available configurations: socket weld x suction male hammer union, socket weld x suction female hammer union, King™ combination nipple, figure 50 suction hammer union split nut (includes bolts)

Approval:

- 2-piece nuts meet AISI standards

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