

HOS

13 5/8" 10,000 PSI BOP System

Brand new 3 cavity stack available for rental

The Cameron Type U BOP is the most widely used ram-type BOP for land, platform and subsea applications worldwide. The system delivers proven reliability for drilling, well testing, completion and intervention operations.

Key Features

- 13 5/8" 10,000 psi Cameron Type U Single BOP Assembly with standard bonnets.
- 13 5/8" 10,000 psi Cameron Type U Double BOP Assembly with large bore shear bonnets and tandem boosters on lower cavity.
- 13 5/8" 5,000 psi Shaffer Annular.
- A selection of rams available.
- All equipment is manufactured in accordance with API 16A and NACE MR-01-75 standards.
- Fully OEM certified complete with IRC, COC and DNV until 2022.
- API monogrammed.

Benefits

- Field-proven pressure control technology.
- Durability and reliability.
- Bespoke and flexible rental solutions available.





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Engineering Data - Shaffer 13 5/8" 5,000 PSI Annular BOP

Application	:	Offshore (surface) and onshore
Bore size	:	13.625 in / 346 mm
Working Pressure	:	5,000 psi / 345 bar
BOP Type	:	Shaffer Spherical BOP
Head Type	:	Bolted
Top Connection	:	13.625 in 5,000 API BX-160 Studded
Bottom Connection	:	13.625 in 10,000 API BX-159 Flanged
Stud to Flange Height	:	44.94 in / 1,141 mm
Body Diameter	:	50.00 in / 1,270 mm
Weight	:	13,650 lb / 6,192 kg
Certification	:	DNV & OEM in accordance with API 6A, API 16A, NACE MR-01-75
Hydrostatic Shell Test Pressure	:	7,500 psi / 517 bar
Hydrostatic Chamber Test Pressure	:	4,500 psi / 310 bar
Recommended hydraulic operating pressure	:	1,500 psi / 103 bar
Maximum Hydraulic Operating Pressure	:	3,000 psi / 207 bar
Gal. (US Gal)/L to open	:	17.4 / 65.9
Gal. (US. Gal)/L to close	:	23.6 / 89.4





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Engineering Data - Cameron U 13 5/8" 10,000 PSI Single RAM BOP

Application	:	Offshore (surface) and onshore
Bore size	:	13.625 in / 346 mm
Working Pressure	:	10,000 psi / 689 bar
BOP Type	:	Single Type U RAM body
Top Connection	:	13.625 in 10,000 API BX-159 Flanged
Bottom Connection	:	13.625 in 10,000 API BX-159 Flanged
Side Outlets	:	4.0625 in 10,000 API BX-155
Lock types	:	Manual Lock
Height	:	41.688 in / 1,059 mm
Length – Bonnets Closed	:	114.125 in / 2899 mm
Length – Bonnets Open	:	172.75 in / 4388 mm
BOP Weight (approximate)	:	10,300 lb / 4,672 kg
Certification	:	DNV & OEM in accordance with API 6A, API 16A, NACE MR-01-75
Shear Rams	:	Double V Shear (DVS) Interlocking Shear rams (ISR) Shearing Blind rams (SBR)
Pipe Rams	:	Multiple sizes & designs available upon request
Temperature Rating	:	T-20 per API 16A Service Temp. -20°F / -29°C; 250°F / 121° C
Hydrostatic Shell Test Pressure	:	15,000 psi / 1,034 bar
Hydrostatic Chamber Test Pressure	:	9,000 psi / 621 bar
Recommended hydraulic operating pressure	:	3,000 psi / 207 bar
Maximum Hydraulic Operating Pressure	:	6,000 psi / 414 bar
Gal. (US Gal)/L to open	:	5.5 / 20.8
Gal. (US. Gal)/L to close	:	5.8 / 22
Closing ratio	:	7.0
Opening ratio	:	2.3





13 5/8" 10,000 PSI BOP System

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Engineering Data - Cameron U 13 5/8" 10,000 PSI Dual Type U RAM BOP

Application	:	Offshore (surface) and onshore
Bore size	:	13.625 in / 346 mm
Working Pressure	:	10,000 psi / 689 bar
BOP Type	:	Dual Type U Ram Body
Top Connection	:	13.625 in 10,000 API BX-159 Flanged
Bottom Connection	:	13.625 in 10,000 API BX-159 Flanged
Side Outlets	:	4.0625 in 10,000 API BX-155
Lock types	:	Manual Lock
Height	:	66.625" in / 1,692 mm
Length – Bonnets Closed	:	114.125 in / 2899 mm
Length – Bonnets Open	:	172.75 in / 4388 mm
BOP Assembly Weight (approximate)	:	18,400 lb / 8,346 kg
Certification		DNV & OEM in accordance with API 6A, API 16A, NACE MR-01-75
Shear Rams	:	Double V Shear (DVS) Interlocking Shear rams (ISR) Shearing Blind rams (SBR)
Pipe Rams	:	Multiple sizes & designs available upon request
Temperature Rating	:	T-20 per API 16A Service Temp. -20°F / -29°C; 250°F / 121° C
Hydrostatic Shell Test Pressure	:	15,000 psi / 1,034 bar
Hydrostatic Chamber Test Pressure	:	9,000 psi / 621 bar
Recommended hydraulic operating pressure	:	3,000 psi / 207 bar
Maximum Hydraulic Operating Pressure	:	6,000 psi / 414 bar
Gal. (US Gal)/L to open	:	5.5 / 20.8 (Standard) ; 10.5 / 39.75 (Large Bore)
Gal. (US. Gal)/L to close	:	5.8 / 22 (Standard) ; 10.9 / 41.26 (Large Bore)
Closing ratio	:	7.0 (Standard) / 10.8 (Large Bore)
Opening ratio	:	2.3 (Standard) / 4.5 (Large Bore)





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