

DRILLING SPOOL

Drilling Spool

Drilling spool is designed to connect the BOP and wellhead, both side outlets of spool can be connected with valves or manifold to prevent blowout.

All drilling spools are designed and manufactured as per API Spec 16A, conforming to NACE MR 0175 standard for anti- H₂S. As per connection method, both Flanged spool and studded spool are available.



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Technical Specifications of Drilling Spool

Drill Spool Model	JD-FS18-35	JD-FS18-70	JD-FS18-105	JD-FS28-35	JD-FS28-70	JD-FS28-105
Nominal Diameter (mm)	Φ185	Φ185	180	280	Φ280	280
Working Pressure (MPa)	35	70	105	35	70	105
Intensive Pressure (MPa)	70	105	105	70	105	105
By-pass Diameter (mm)	Φ103	Φ103/Φ78	Φ103/Φ78	Φ103	Φ103/Φ78	Φ103/Φ78
Top and Bottom Connection Flange	API, 6B 1835 R46	API 6BX 1870 BX156	API 6BX 18—105 BX156	API, 6B 1835 R46	API 6BX18—105 BX156	API 6BX18—105 BX156
Side Connection Flange	API, 6B 103-35 R39	API 6BX 103-70 BX155 (Φ103)	API 6BX 103—105 ×155 (Φ103)	API, 6B 103-35 R39	API 6BX 103—105 ×155 (Φ103)	API 6BX103—105 ×155 (Φ103)
		API 6BX 78-70 BX154 (Φ78)	API 6BX 78—105 ×154 (Φ78)		API 6BX 78—105 ×154 (Φ78)	API 6BX78—105 ×154 (Φ78)
Applicable Temperature (°C)	-29~+121	-29~+121	-29~+121	-29~+121	-29~+121	-29~+121
Overall Dimension (L ×W ×H) mm	680×395 ×584	830×480×600	880×505×700	950×585×650	950×655×650	1,050×812×800
Weight (kg)	620	600	900	850	800	1,800

Continued

Drill Spool Model	JD-FS35-21	JD-FS35-35	JD-FS35-70	JD-FS35-105	JD-FS53-21	JD-FS54-14
Nominal Diameter (mm)	Φ346	Φ346	Φ346	Φ346	Φ530	Φ540
Working Pressure (MPa)	21	35	70	105	21	14
Intensive Pressure (MPa)	/	70	105	105	/	/
By-pass Diameter (mm)	/	Φ103	Φ103 Φ78	Φ103 Φ78	/	/
Top and Bottom Connection Flange	/	API, 6B1835 R46	API 6BX 18—105 BX156	API 6BX 18—105 BX156	/	/
Side Connection Flange	/	API, 6B103-35 R39	API 6BX 103—105 ×155 (Φ103)	API 6BX 103—105 ×155 (Φ103)	/	/
	/		API 6BX 78—105 ×154 (Φ78)	API 6BX 78—105 ×154 (Φ78)	/	/
Applicable Temperature (°C)	-29~+121	-29~+121	-29~+121	-29~+121	-29~+121	-29~+121
Overall Dimension (L ×W ×H) mm	950×610 ×600	1,100×672 ×650	1,100×768 ×650	1,390×880 ×1,000	1,250×812 ×800	1,250×812 ×800
Weight (kg)	1050	1100	1280	2,100	/	/

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