

DRILLING SPOOL

Drilling Spool

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

All drilling spools are designed and manufactured comply with 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	PPGL-18-35	PPGL-18-70	PPGL-18-105	PPGL-28-35	PPGL-28-70	PPGL-28-105
Nominal Diameter (mm)	Φ 185	Φ 185	Φ 180	Φ 280	Φ 280	Φ 280
Working Pressure (MPa/psi)	35/5,000	70/10,000	105/15,000	35/5,000	70/10,000	105/15,000
Intensive Pressure (MPa)	70	105	105	70	105	105
By-Pass Diameter (mm)	Φ 103	Φ 103/Φ 78	Φ 103/Φ 78	Φ 103	Φ 103/78	Φ 103/78
Top and Bottom Connection Flange	API 6B 18-35 R46	API 6BX- 18-70 BX156	API 6BX 18 -105 BX156	API 6B 28-35 R46	API 6BX 28 -70 BX156	API 6BX 28 -105 BX156
Side Connection Flange	API 6B 103-35 R39	API 6BX 103 -70 BX155 (Φ 103) API 6BX 78-70 BX154 (Φ 78)	API 6BX 103 -105 BX105 (Φ 103) API 6BX 78-105 BX154 (Φ 78)	API 6B 103-35 R39	API 6BX 103-70 BX155 (Φ 103) API 6BX 78-105 BX155 (Φ 78)	API 6BX 103-155 BX155(Φ 103) API 6BX 78-105 BX155 (Φ 78)
Applicable Temperature (°C)	-29 ~ +121	-29 ~ +121	-29 ~ +121	-29 ~ +121	-29 ~ +121	-29 ~ +121
Overall Dimension (LxWxH) (mm)	680x395x584	830x480x600	880x505x700	950x585x650	950x655x650	1,050x812x800
Weight (kg)	620	600	900	850	800	1,800

Drill Spool Model	PPGL-35-21	PPGL-35-35	PPGL-35-70	PPGL-35-105	PPGL-53-21	PPGL-54-14
Nominal Diameter (mm)	Φ 346	Φ 346	Φ 346	Φ 346	Φ 530	Φ 540
Working Pressure (MPa)	21/3,000	35/5,000	70/10,000	105/15,000	21/3,000	14/2,000
Intensive Pressure (MPa)	/	70	105	105	/	/
By-Pass Diameter (mm)	/	Φ 103	Φ 103 Φ 78	Φ 103 Φ 78	/	/
Top and Bottom Connection Flange	/	API 6B1835 R46	API 6BX 18-105 BX156	API 6BX 18-105 BX156	/	/
Side Connection	/	API 6B 103-35	API 6BX 103-105x155 (Φ 103)	API 6BX 103-105x155 (Φ 103)	/	/
Flange	/	R39	API 6BX 78-105x155 (Φ 78)	API 6BX 78-105x155 (Φ 78)	/	/
Applicable Temperature (°C)	-29 ~ +121	-29 ~ +121	-29 ~ +121	-29 ~ +121	-29 ~ +121	-29 ~ +121
Overall Dimension (LxWxH) (mm)	950x610x600	1,100x672x650	1,100x768x650	1,390x880x 1,000	1,250x812x800	1,250x812x800
Weight (kg)	1,050	1,100	1,280	2,100	/	/