



Sales 303.478.7119
Engineering 713.703.5399

	Down tube	Down Annulus
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BPM	25	5
GPM	1050	210
CFS	2.34	0.47

Rev.	8	12/1/2020
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Frac String Connection				4.5 x 13.50 lb				FPS Down Tube @ 25 BPM	FPS Down Annulus @ 5 BPM	Max Torque
Name	ID	ID Area	OD	Sleeve Drift	Annular Area	Annular/ID Ratio	ID/Annular Ratio			
2-7/8, 7.90, S135 FSS-265	2	3.1416	3.25	3.700	2.4563	78%	128%	107	27	7,200
2-3/8, 5.95, P110 Two Step	1.805	2.5588	2.906	3.700	4.1195	161%	62%	132	16	3,400
2-7/8, 7.90, P110, Two Step	2.265	4.0293	3.438	3.700	1.4688	36%	274%	84	46	4,400

Frac String Connection				4.5 x 11.60 lb				FPS Down Tube @ 25 BPM	FPS Down Annulus @ 5 BPM	Max Torque
Name	ID	ID Area	OD	Drift	Annular Area	Annular/ID Ratio	ID/Annular Ratio			
2-7/8, 7.90, S135 FSS-265	2	3.1416	3.25	3.875	3.4975	111%	90%	107	19	7,200
2-3/8, 5.95, P110 Two Step	1.805	2.5588	2.906	3.875	5.1607	202%	50%	132	13	3,400
2-7/8, 7.90, P110, Two Step	2.265	4.0293	3.438	3.875	2.5100	62%	161%	84	27	4,400

FSS-265 Working Parameters

With max MUT of	7,200	Ft-Lbs
The max tensile load* =	154,000	Lbs
With recommended MUT of	6,200	Ft-Lbs
The max tensile load* =	238,000	Lbs
Working Pressure	15,000	psi
Test Pressure	22,500	psi

NCS-30 thread compound required
*Tensile load including pressure end load