

HD Super Slider 3 (SS3) Non-Rotating Protectors (NRP)

Reduce torque and drag • Protect against casing, riser, and drill pipe wear

Reduce buckling, heat checking, vibration and stick-slip • Open-hole capable



HD-SS3-SIZES	400-SLIM	400	450-SLIM	450	500	550	578	658-SLIM	658
Drill Pipe Size (in)	4.00	4.00	4.50	4.50	5.00	5.50	5.88	6.63	6.63
Sleeve Max OD (in)	5.50	5.75	6.25	6.75	7.30	7.75	8.00	8.75	9.13
Collar OD (in)	5.07	5.38	5.88	6.00	6.50	7.00	7.38	8.13	8.13
Sleeve Length (in)	12	12	12	12	12	12	12	12	12
Sleeve Volume (in³)	111	120	153	168	177	203	206	233	252
Sleeve Weight (lbs)	6.7	9	9.5	10	11	13	13.3	15.8	16
Assembly Weight (lbs)	19	22	24	25	27	30	31	39	40
Continuous Side-Load Rating (lbs)	2,200	2,200	3,000	3,000	3,000	3,000	4,000	5,000	5,000
Intermittent Side-Load Rating (lbs)	6,600	6,600	9,000	9,000	9,000	9,000	12,000	15,000	15,000
Collar Material	6061-T651 Extruded Aluminum Alloy With Features for Wear Resistance								
Sleeve Material	Advanced Low Friction Polymer with Proprietary Wear Additives, Nitrile Rubber and Alloy Steel Sheet								
Max. Temperature	220° F (105° C)								

Features and Benefits:

- Sleeve design enhances side force capabilities.
- Positive protection against casing and riser wear during drilling and completion operations.
- Significant torque reduction created by WWT's patented fluid bearing improves ROP, RPM, and hole cleaning.
- Optimum operating performance range of 20 – 250 RPM.
- MPD compatible and can be run in open hole.
- Each assembly accepts up to 80,000 lbs. of axial force.
- Compatible with almost all drilling and completion fluids.
- Installation time per assembly: less than 1 minute.
- Free, no-obligation, confidential torque, drag and wear analysis.
- On/off-site technical support 24/7.



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