Technical Parameter

Model	TDS-150		TDS-200		TDS-250		TDS-275		TDS-350		TDS-500		TDS-750	
Unit	Metric	British	Metric	British	Metric	British	Metric	British	Metric	British	Metric	British	Metric	British
Rated Load	1500 kN	165 ton	1800kN	200ton	2250kN	250 ton	2500kN	275 ton	3150kN	350 ton	4500kN	500ton	6750 kN	750 ton
Power	230kW	310HP	310 kW	420HP	470 kW	630HP	450 kW	610HP	700 kW	950HP	900 kW	1200 HP	475×2 kW	650×2 HP
Rated speed	100r/min	100r/min	100r/min	100r/min	100r/min	100r/min	110r/min	110r/min	120r/min	120r/min	120r/min	120r/min	120r/min	120r/min
Continuous Drilling torque	22 kN.m	16230 ft.lbf	30 kN.m	22130 ft.lbf	45kN.m	33190 ft.lbf	40 kN.m	29500 ft.lbf	55 kN.m	40600 ft.lbf	70 kN.m	51630 ft.lbf	90 kN.m	66400 ft.lbf
Max. torque	33 kN.m	24300 ft.lbf	45 kN.m	33190 ft.lbf	65 kN.m	47940 ft.lbf	60 kN.m	44300 ft.lbf	82.5 kN.m	60850 ft.lbf	100 kN.m	72300 ft.lbf	120 kN.m	88500 ft.lbf
Braking torque	22kN.m	16230 ft.lbf	30 kN.m	22130 ft.lbf	45 kN.m	33190 ft.lbf	60 kN.m	44300 ft.lbf	60 kN.m	44300 ft.lbf	70 kN.m	51630 ft.lbf	90 kN.m	66400 ft.lbf
Rated pressure	35 MPa	5000 psi	35MPa	5000 psi	35 MPa	5000 psi	35 MPa	5000 psi	35 / 52 MPa	5000 / 7500 psi	35 / 52 MPa	5000 / 7500 psi	52 MPa	7500 psi
Power voltage	380V/600 VAC (+5%，-10%), 50 Hz, 3phase		380V/600 VAC (+5%, -10%), 50 Hz, 3phase		380V / 600 VAC (+5%, -10%), 50 Hz, 3phase		600 VAC (+5%, -10%), 50 Hz, 3phase		600 VAC (+5%, -10%), 50 Hz, 3phase		600 VAC (+5%，-10%), 50 Hz, 3phase		600 VAC (+5%, -10%), 50 Hz, 3phase	
Drill string range	2-7/8" ～ 5-1/2"		2-7/8" ～ 5-1/2"		2-7/8"～ 5-1/2"		3-1/2" ～ 5-1/2"		3-1/2" ～ 5-1/2"		3-1/2" ～ 5-1/2"		3-1/2" ～ 5-1/2"	
Overall dimension	L5670 mm×W1150mm×H1335mm		L5900m×W1200mm×H1450mm		L5900mm×W1250mm×H1555mm		L5600mm×W1550mm×H1400mm		L5800mm×W1700mm×H1720mm		L5800mm×W1700mm×H1720mm		L6200 mm×W1900mm×H1800mm	
Weight	Body-9t，Guide-7t，VFD-9t		Body-12t, Guide-7t, VFD-9t		Body-12.7t, Guide-7t, VFD-9t		Body-11t, Guide-7t, VFD-5t		Body-13t, Guide-13t, VFD-6t		Body-13.5t, Guide-12.1t,VFD-6t		Body-18t, Guide-13.5t, VFD-6.5t	
Environment	-45 ℃ ～ 60℃		-45 ℃ ～ 60℃		-45 ℃ ～ 60℃		-45 ℃ ～ 60℃		-45 ℃ ～ 60℃		-45 ℃ ～ 60℃		-45 ℃ ～ 60℃	