

NL-700B Diamond Core Drill

Skid Base Type with Turbo Engine

Specifications

Drilling Capacity	m	PQ-WL - 350m/HQ-WL - 500m/NQ-WL - 700m	
Drilling Angle	Degree	30°~ 90°	
Rod Length	m	6.0	
Spindle I.D.	mm	95/120(PQ)	
Spindle Stroke	m	1.85	
Spindle Rotation & Torque	Gear	Rotation (RPM)	Torque N·m
	1st	70 ~ 210	6,140
	2nd	150 ~ 300	4,350
	3rd	250 ~ 500	2,633
	Top	470 ~ 1,200	1,080
Feed			
Max. rated Pulling Force	N	80,000	
Max. rated Thrust Force	N	50,000	
Hydraulic Pump			
Primary (P)	L/min-Mpa	175 - 25.0	
Secondary (P2)	L/min-Mpa	120 - 17.5	
Prime Mover	150hp (112KW) 2,300 rpm (BF6L-913)		
Main Hoist			
Max. Line Pull	N	58,800	
Line Speed	m/min	28	
Wire Length	m - Φ	60 - 16	
Wireline Hoist			
Max. Line Pull	N	9,800 (Bare Drum)	
Line Speed	m/min.	70 (Bare Drum)	
Cable	m - Φ	1,500 - 5	
Drill Weight(with Trailer)	kg	5,000	
Other	Mud Pump 120L/min - 3.7Mpa Mud Mixer Sliding Drill Head Mast Slide Rod Connection Support Oil Tank Hand Pump		
Optional Item	Trailer Mount Operation Seat Outrigger Crawler ★ Replaced to PQ Chuck		

DRILLING DEPTH GUIDELINES

Drilling Capacity have been calculated, based on field experiences, and may be reasonably expected. Ratings are based on a vertical, straight, clean down hole using a 58,800N hoist (single line pull). Actual drilling capacity will depend on in-hole tools, conditions, drilling techniques and equipment used.



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