

TRUST STEM FROM QUALITY



DTH HAMMER

DHD Series High Air Pressure DTH Hammer					
Item Description	Weight (kg/pc)				
	GV-DHD3.5	GV-DHD340	GV-DHD350	GV-DHD360	GV-DHD380
1 Top Sub	4.20	6.50	15.00	20.00	41.00
2 O Ring Of Top Sub	0.01	0.01	0.01	0.02	0.02
3 Breakout Ring	-	-	-	-	0.20
4 Check Valve	0.20	0.42	1.00	1.00	1.50
5 Spring	0.02	0.04	0.04	0.04	0.10
6 Compression Buffer	0.04	0.04	0.08	0.08	0.42
7 Air Distributor	1.40	2.20	3.70	5.00	12.50
8 Internal Cylinder	1.60	2.30	4.50	5.00	8.60
9 Piston	5.40	9.00	15.50	23.60	41.00
10 Outer Tube	9.50	15.00	30.00	36.80	62.00
11 Guided Sleeve	-	-	-	2.40	-
12 O Ring Of Stop Ring	0.01	0.01	0.01	0.02	0.02
13 Stop Ring	0.20	0.20	0.30	0.60	1.20
14 Breakout Ring	-	-	-	-	0.20
15 Drive Chuck	1.95	3.50	6.40	6.00	17.50
16 Drill Bit	-	-	-	-	-

Technical Data					
Length(Without Bit)	GV-DHD3.5	GV-DHD340	GV-DHD350	GV-DHD360	GV-DHD380
	930mm	1032mm	1212mm	1245mm	1490mm
Weight(Without Bit)	25.00kg	39.00kg	76.00kg	99.00kg	187.00kg
External Diameter	Ø82mm	Ø99mm	Ø126mm	Ø142mm	Ø180mm
Bit Shank	DHD3.5	COP44/DHD340	COP54/DHD350	COP64/DHD360	COP84/DHD380
Hole Range	Ø90-Ø110mm	Ø110-Ø135mm	Ø135-Ø155mm	Ø155-Ø190mm	Ø195-Ø254mm
Connection Thread	2 3/8" API REG	2 3/8" API REG	2 3/8" API REG 3 1/2" API REG	3 1/2" API REG	4 1/2" API REG
Working Pressure	1.0-2.5Mpa	1.0-2.5Mpa	1.0-2.5Mpa	1.0-2.6Mpa	1.0-2.9Mpa
Impact Rate at 17 Bar	28HZ	27HZ	25HZ	23HZ	27HZ
Recommended Rotation Speed	25-40r/min	25-40r/min	20-35r/min	20-30r/min	20-30r/min
Air Consumption	1.0Mpa:5.0m ³ /min	1.0Mpa:6.50m ³ /min	1.0Mpa:9.00m ³ /min	1.0Mpa:10.0m ³ /min	1.0Mpa:15.0m ³ /min
	1.5Mpa:9.0m ³ /min	1.8Mpa:10.0m ³ /min	1.8Mpa:15.0m ³ /min	1.8Mpa:19.5m ³ /min	1.8Mpa:25.5m ³ /min
	-	2.4Mpa:15.5m ³ /min	2.4Mpa:22.5m ³ /min	2.4Mpa:28.0m ³ /min	2.4Mpa:35.0m ³ /min

QL Series High Air Pressure DTH Hammer				
Item Description	Weight(kg/pc)			
	GV-QL4	GV-QL5	GV-QL6	GV-QL8
1、Top Sub	6.50	15.00	20.00	41.00
2、O Ring Of Top Sub	0.01	0.02	0.02	0.02
3、Breakout Ring	-	-	-	0.30
4、Check Valve	0.42	1.00	1.00	1.50
5、Spring	0.04	0.10	0.10	0.10
6、Compression Buffer	0.04	0.10	0.10	0.42
7、Air Distributor	2.20	3.50	6.00	13.00
8、Internal Cylinder	2.30	4.20	5.00	8.60
9、Piston	9.00	19.00	23.50	41.00
10、Outer Tube	16.50	24.60	31.00	60.00
11、Guided Sleeve	0.80	0.90	1.00	2.20
12、O Ring Of Stop Ring	0.01	0.01	0.02	0.02
13、Stop Ring	0.30	0.40	0.60	1.20
14、Breakout Ring	-	-	-	0.30
15、Drive Chuck	3.00	4.60	5.40	12.00
16、Drill Bit	-	-	-	-

Technical Data				
Length(Without Bit)	GV-QL4	GV-QL5	GV-QL6	GV-QL8
	1100mm	1152mm	1210mm	1462mm
Weight(Without Bit)	40.50kg	72.00kg	95.00kg	181.00kg
External Diameter	Ø99mm	Ø126mm	Ø146mm	Ø180mm
Bit Shank	QL40	QL50	QL60	QL80
Hole Range	Ø110-Ø135mm	Ø135-Ø155mm	Ø155-Ø190mm	Ø195-Ø254mm
Connection Thread	2 3/8" API REG	2 3/8" API REG 3 1/2" API REG	3 1/2" API REG	4 1/2" API REG
Working Pressure	1.0-2.5Mpa	1.0-2.5Mpa	1.0-2.6Mpa	1.0-2.9Mpa
Impact Rate at 14 Bar	27HZ	25HZ	23HZ	20HZ
Recommended Rotation Speed	25-40r/min	25-40r/min	20-30r/min	15-25r/min
Air Consumption	1.0Mpa:6.50m ³ /min	1.0Mpa:9.00m ³ /min	1.0Mpa:10.0m ³ /min	1.0Mpa:15.0m ³ /min
	1.8Mpa:10.0m ³ /min	1.8Mpa:15.0m ³ /min	1.8Mpa:19.5m ³ /min	1.8Mpa:25.5m ³ /min
	2.4Mpa:15.5m ³ /min	2.4Mpa:22.5m ³ /min	2.4Mpa:28.0m ³ /min	2.4Mpa:35.0m ³ /min

SD Series High Air Pressure DTH Hammer				
Item Description	Weight(kg/pc)			
	GV-SD4	GV-SD5	GV-SD6	GV-SD8
1、Top Sub	6.50	15.00	20.00	41.00
2、O Ring Of Top Sub	0.01	0.01	0.01	0.02
3、Breakout Ring	-	-	-	0.20
4、Check Valve	0.42	1.00	1.00	1.50
5、Spring	0.04	0.10	0.05	0.10
6、Compression Buffer	0.04	0.05	0.10	0.40
7、Air Distributor	2.20	3.50	5.00	12.50
8、Internal Cylinder	2.50	4.20	5.00	8.50
9、Piston	9.00	15.50	24.00	42.00
10、Outer Tube	15.60	25.00	35.00	65.00
11、O Ring Of Stop Ring	0.02	0.01	0.01	0.05
12、Stop Ring	0.20	0.50	0.50	1.20
13、Guided Sleeve	-	-	1.50	3.40
14、Breakout Ring	-	-	-	0.20
15、Drive Chuck	4.00	7.50	7.50	15.50
16、Drill Bit	-	-	-	-

Technical Data				
Length(Without Bit)	GV-SD4	GV-SD5	GV-SD6	GV-SD8
	1080mm	1172mm	1260mm	1460mm
Weight(Without Bit)	40.00kg	72.00kg	98.50kg	191.00kg
External Diameter	Ø99mm	Ø126mm	Ø142mm	Ø180mm
Bit Shank	SD4	SD5	SD6	SD8
Hole Range	Ø110-Ø135mm	Ø135-Ø155mm	Ø155-Ø190mm	Ø195-Ø254mm
Connection Thread	2 3/8" API REG	2 3/8" API REG 3 1/2" API REG	3 1/2" API REG	4 1/2" API REG
Working Pressure	1.0-2.5Mpa	1.0-2.5Mpa	1.0-2.6Mpa	1.0-2.9Mpa
Impact Rate at 17 Bar	27HZ	25HZ	23HZ	20HZ
Recommended Rotation Speed	25-40r/min	20-35r/min	20-30r/min	5-25r/min
Air Consumption	1.0Mpa:6.50m ³/min	1.0Mpa:9.00m ³/min	1.0Mpa:10.0m ³/min	1.0Mpa:15.0m ³/min
	1.8Mpa:10.0m ³/min	1.8Mpa:15.0m ³/min	1.8Mpa:19.5m ³/min	1.8Mpa:25.5m ³/min
	2.4Mpa:15.5m ³/min	2.4Mpa:22.5m ³/min	2.4Mpa:28.0m ³/min	2.4Mpa:35.0m ³/min

Mission Series High Air Pressure DTH Hammer				
Item Description	Weight(kg)			
	GV-Mission 40	GV-Mission 50	GV-Mission 60	GV-Mission 80
1. Top Sub	6.50	13.70	20.00	34.00
2. O Ring Of Top Sub	0.01	0.02	0.02	0.02
3. Check Valve	0.35	0.70	0.70	1.20
4. Spring	0.05	0.10	0.10	0.10
5. Air Distributor	1.50	2.00	3.50	6.00
6. Internal Cylinder	2.10	2.80	4.20	6.50
7. Piston	8.50	15.00	23.00	42.50
8. Outer Tube	15.00	24.00	26.00	61.00
9. Guided Sleeve	1.80	2.60	4.80	5.30
10. O Ring Of Stop Ring	0.01	0.01	0.01	0.01
11. Stop Ring	0.30	0.70	0.80	1.50
12. Drive Chuck	3.80	6.50	4.20	17.30
13. Drill Bit	-	-	-	-

Technical Data				
Length(Without Bit)	GV-M4	GV-M5	GV-M6	GV-M8
	1007mm	1108mm	1160mm	1340mm
Weight(Without Bit)	41.00kg	69.00kg	89.00kg	175.00kg
External Diameter	Ø99mm	Ø126mm	Ø146mm	Ø180mm
Bit Shank	Mission 40	Mission 50	Mission 60	Mission 80
Hole Range	Ø110-Ø135mm	Ø155-Ø190mm	Ø155-Ø203mm	Ø195-Ø254mm
Connection Thread	2 3/8" API REG	2 3/8" API REG 3 1/2" API REG	3 1/2" API REG	4 1/2" API REG
Working Pressure	1.0-2.5Mpa	1.0-2.5Mpa	1.0-2.6Mpa	1.0-2.9Mpa
Impact Rate at 17 Bar	30HZ	28HZ	25HZ	22HZ
Recommended Rotation Speed	25-40r/min	20-35r/min	20-30r/min	15-25r/min
Air Consumption	1.0Mpa:6.00m ³ /min	1.0Mpa:8.00m ³ /min	1.0Mpa:10.0m ³ /min	1.0Mpa:12.0m ³ /min
	1.8Mpa:10.0m ³ /min	1.8Mpa:14.0m ³ /min	1.8Mpa:19.5m ³ /min	1.8Mpa:22.5m ³ /min
	2.4Mpa:15.0m ³ /min	2.4Mpa:19.5m ³ /min	2.4Mpa:28.0m ³ /min	2.4Mpa:29.0m ³ /min