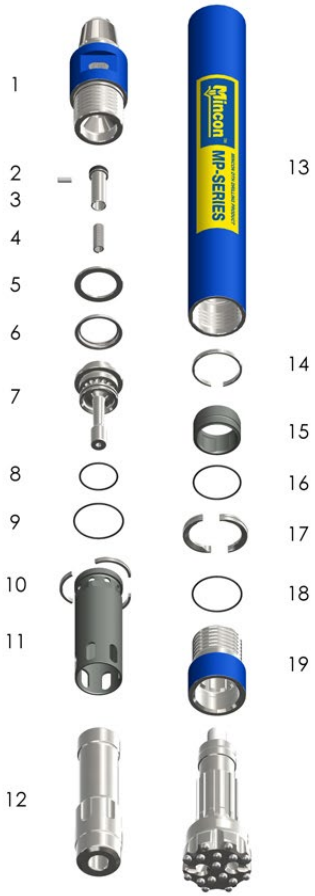
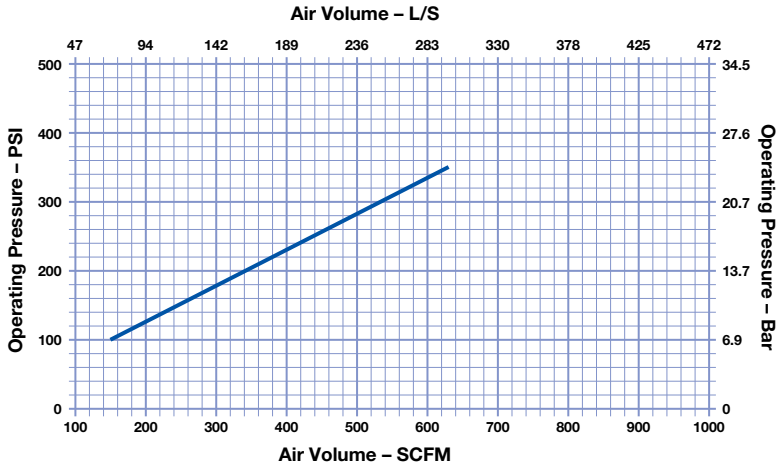


Item #	Part Number	Description
	MP501AS01	**MP50-QL (3 1/2" A.P.I. Reg. Pin)**
1	MP501BH01	Backhead (3 1/2" A.P.I. Reg. Pin)
2	MB506CH01	Choke Blank
3	MB502CV01	Check Valve
4	MB503SP01	Spring
5	MP504SM01	Steel Make-Up Ring
6	MP505LR01	Lock Ring
7	MP507DR01	Air Distributor
8	MB521OR01	O Ring
9	MB523OR01	O Ring
10	MP509SR01	Seating Ring
11	MP508IC01	Inner Cylinder
12	MP510PN01	Piston
13	MP511WS01	Wear Sleeve
14	MP512PR01	Piston Retaining Ring
15	MP517BB01	Aligner
16	MD621OR01	O Ring
17	MP513BR01	Bit Retaining Ring
18	MB522OR01	O Ring
19	MP514CK01	Chuck (QL50)
	MB526SK01	**Service Kit**
2	MB506CH01	Choke Blank
	MB506CH02	Choke 1/8" (3.2 mm)
	MB506CH03	Choke 3/16" (4.8 mm)
4	MB503SP01	Spring
	MB525OK01	O Ring Kit
	MB525OK01	**O Ring Kit**
	O Rings	O Rings for positions #8, #9, #16, #18

Specifications	Metric	Imperial
Hammer Outside Diameter	115 mm	4.5"
Shoulder to Shoulder	994 mm	39.1"
Backhead Spanner Flat Size	89 mm	3.5"
Drill Bit Shank Type	QL50	
Minimum Bit Size	127 mm	5"
Hammer Weight (Less Bit)	55.4 kg	122.1 lbs
Drill Bit Weight	15.9 kg	35.1 lbs
Piston Weight	12.5 kg	27.6 lbs
Backhead Stand Off	0.61 mm	0.02"
Make up Torque	5,085-6,780 Nm	3,750-5,000 ft.lbf
Wear Sleeve Reverse Limit	Non-Reversible	
Wear Sleeve Discard Limit	106 mm	4.17"

Stated drill bit weight is indicative only. Actual drill bit weight will vary based on drill bit head size and carbide configuration.



Disclaimer:
1. Air consumption values are based on a combination of simulation data and real-world testing.
2. All air charts are based on normal temperature and atmospheric pressure: 20°C and 101.325 kPa (68°F and 14.696 psi).
3. Air density decreases with altitude, which will increase air consumption. Please consult the Mincon technical implementation team for exact air package requirements that take account for altitude and ground conditions.

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