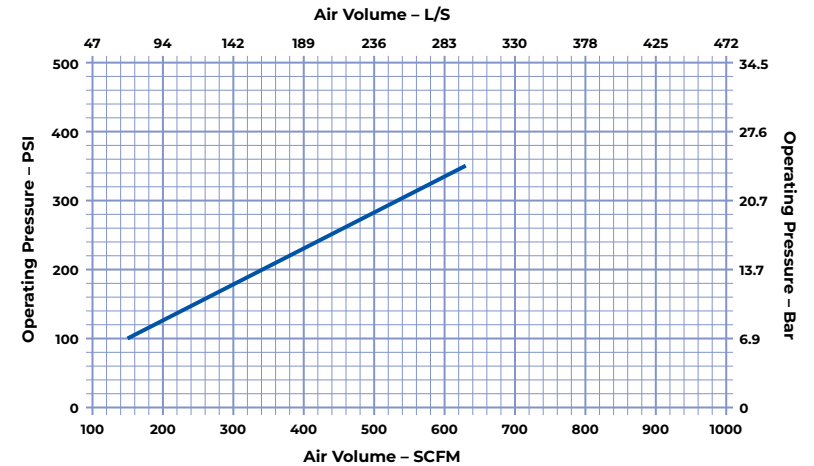


Item #	Part Number	Description	
	<b>MP501AS02</b>	<b>MP50-MQ (3 1/2" A.P.I. Reg. Pin)</b>	
1	MP501BH01	Backhead (3 1/2" A.P.I. Reg Pin)	
2	MB502CV02	Check Valve	
3	MB503SP01	Spring	
4	MP504SM01	Steel Make-Up Ring	
5	MP505LR01	Lock Ring	
6	MP507DR01	Air Distributor	
7	MB521OR01	O Ring	
8	MB523OR01	O Ring	
9	MP509SR01	Seating Ring	
10	MP508IC01	Inner Cylinder	
11	MP510PN02	Piston	
12	MP511WS02	Wear Sleeve	
13	MP512PR01	Piston Retaining Ring	
14	MP517BB02	Aligner	
15	MB524OR01	O Ring	
16	MB524OR01	O Ring	
17	MP513BR01	Bit Retaining Ring	
18	MB522OR01	O Ring	
19	MP514CK01	Chuck (QL50)	
	<b>MB526SK05</b>	<b>Service Kit</b>	
	3	MB503SP01	Spring
		MB525OK05	O Ring Kit
	<b>MB525OK05</b>	<b>O Ring Kit</b>	
		O Rings	O Rings for positions #7, #8, #15, #16, #18

Specifications	Metric	Imperial
Hammer Outside Diameter	115 mm	4.5"
Shoulder to Shoulder	1,057 mm	41.6"
Backhead Spanner Flat Size	89 mm	3.5"
Drill Bit Shank Type	MQ50	
Minimum Bit Size	127 mm	5.0"
Hammer Weight (Less Bit)	59.9 kg	132 lbs
Drill Bit Weight	17 kg	37.5 lbs
Piston Weight	13.7 kg	30.1lbs
Backhead Stand-off	0.61 mm	0.02"
Make up Torque	5,085-6,780 Nm	3,750-5,000 ft-lbs
Wear Sleeve Reverse Limit	Non-Reversible	
Wear Sleeve Discard Limit	106.0 mm	4.17"
Recommended Minimum Air Package	283 L/s @ 17.2 bar	600 cfm @ 250 psi

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.