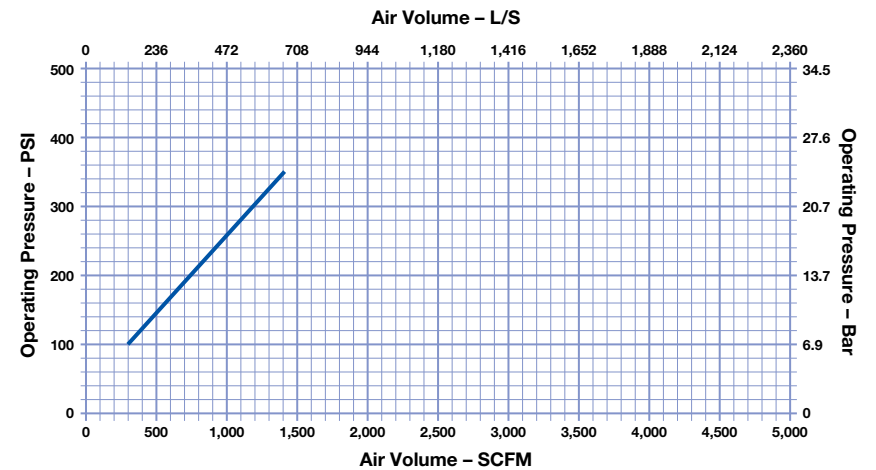


Item #	Part Number	Description
<b>MD1001AS08</b>		<b>MP100-MC (6 5/8" A.P.I. Reg Pin)</b>
1	MD1001BH03	Backhead (6 5/8 API Reg. Pin)
2	MD1016BO01	Breakout Ring
3	MD1020OR01	O Ring
4	MD802CV02	Check Valve
5	MB503SP01	Spring
6	MD1005LR01	Lock Ring
7	MD1004SM01	Steel Make-Up Ring
8	MD1007DR01	Air Distributor
9	MD1021OR01	O Ring
10	MD1022OR01	O Ring
11	MD1009SR01	Seating Ring
12	MD1008IC01	Inner Cylinder
13	MD1010PN03	Piston
14	MD1011WS01	Wear Sleeve
15	MD1012PR01	Piston Retaining Ring
16	MD1013BB04	Aligner
17	MD1020OR01	O Ring
18	MD1014BR05	Bit Retaining Ring
19	MD1020OR01	O Ring
20	MD1016BO01	Breakout Ring
21	MD1015CK06	Chuck (MC100)
<b>MD1026SK02</b>		<b>Service Kit</b>
1	MB503SP01	Spring
2	MD1025OK02	O Ring Kit
<b>MD1025OK02</b>		<b>O Ring Kit</b>
	O Rings	O Rings at positions #3, #9, #10, #16

Specifications	Metric	Imperial
Hammer Outside Diameter	219 mm	8.6"
Shoulder to Shoulder	1,379.6 mm	54.3"
Backhead Spanner Flat Size	177.5 mm	7"
Drill Bit Shank Type	MC100	
Minimum Bit Size	254 mm	10"
Hammer Weight (Less Bit)	309 kg	681.2 lbs
Drill Bit Weight	108 kg	238.1 lbs
Piston Weight	79.3 kg	174.8 lbs
Backhead Stand Off	1.5 mm	0.06"
Make up Torque	10,170-13,560 Nm	7,500-10,000 ft-lbs
Wear Sleeve Reverse Limit	Non-Reversible	
Wear Sleeve Discard Limit	205 mm	8.07"
Recommended Minimum Air Package	519 L/s @ 24 bar	1,100 cfm @ 350 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.