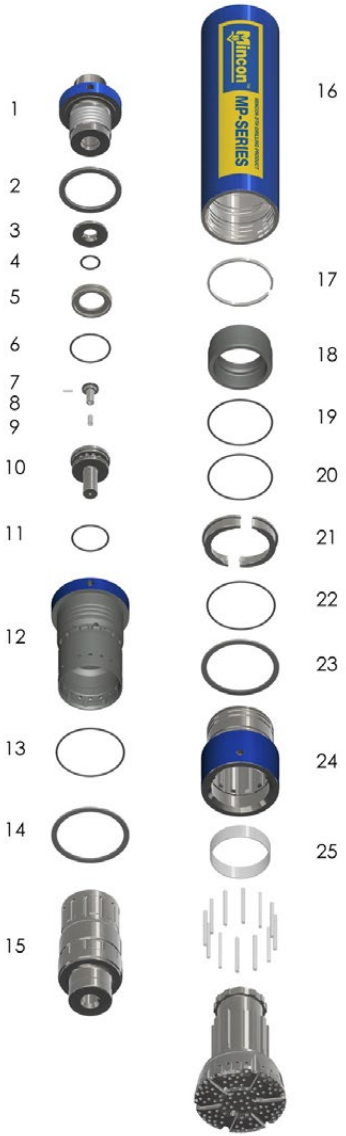
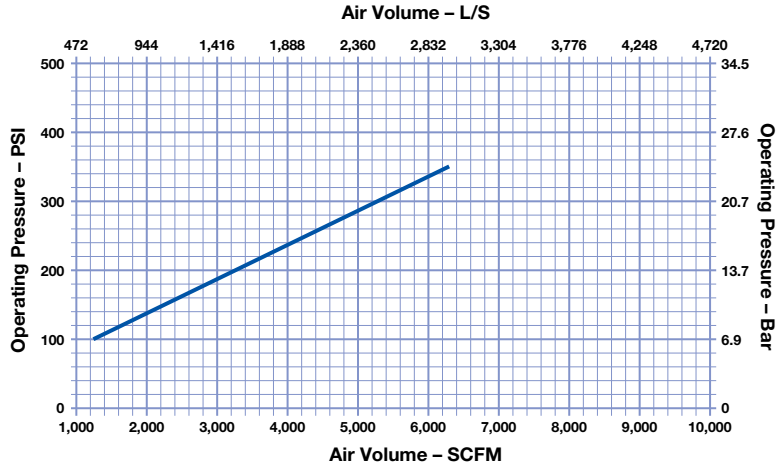


Item #	Part Number	Description
	MD1801AS10	**Mincon MP180-MQ (8 5/8" A.P.I. Reg. Pin)**
1	MD1819BI01	Backhead Insert (8 5/8" A.P.I. Reg. Pin)
2	MD1817BO06	Breakout Ring (Backhead Insert)
3	MD1816TB06	Backhead Tube
4	MD621OR01	O-Ring
5	MD1804SM02	Steel Makeup Ring
6	MD1821OR03	O-Ring
7	MD1806CH01	Choke
8	MD1802CV01	Check Valve
9	MD1803SP01	Check Valve Spring
10	MD1807DR02	Air Distributor
11	MD1821OR02	O-Ring
12	MD1801BH03	Backhead Cylinder
13	MD1820OR01	O-Ring
14	MD1817BO04	Breakout Ring (Backhead)
15	MD1810PN04	Piston
16	MD1811WS01	Wearsleeve
17	MD1812PR01	Piston Retaining Ring
18	MD1813BB03	Aligner
19	MD1822OR01	O-Ring
20	MD1823OR02	O-Ring
21	MD1814BR03	Bit Retaining Ring
22	MD1820OR01	O-Ring
23	MD1817BO04	Breakout Ring (Chuck)
24	MD1815CK04	Chuck (MQ)
25	MD1818CB01	Chuck Bush
	MD1826SK01	**Service Kit**
	MD1806CH01	Choke (#7), Spring (#9), O Ring Kit
	MD1825OK01	**O Ring Kit**
	O Rings	O Rings at positions #4, #6, #11, #13, #19, #20, #22

Specifications	Metric	Imperial
Hammer Outside Diameter	400 mm	15.75"
Shoulder to Shoulder	1,781 mm	70.1"
Drill Bit Shank Type	MQ180	
Minimum Bit Size	457 mm	18"
Hammer Weight (Less Bit)	1,241 kg	2,736 lbs
Drill Bit Weight	490 kg	1,080 lbs
Piston Weight	320 kg	705.5 lbs
Backhead Stand Off	1.2 mm	0.047"
Make up Torque	29,830-35,250 Nm	22,000-26,000 ft.lbf
Wear Sleeve Reverse Limit	Non-reversible	
Wear Sleeve Discard Limit	370 mm	14.57"

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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