

1. HAMMER SPECIFICATIONS

1.1 TECHNICAL SPECIFICATIONS

Item	Specification
Minimum working weight ¹	90 kg (198 lb)
Hammer weight	74 kg (163 lb)
Impact rate ²	1000...2600 bpm
Operating pressure ³	80...130 bar (1160...1885 psi)
Pressure relief, min ⁴	130...180 bar (1885...2610 psi)
Pressure relief, max	220 bar (3190 psi)
Oil flow range	15...33 l/min (4.0...8.7 gal/min)
Back pressure, max	20 bar (290 psi)
Input power	7.15 kW (10 hp)
Tool diameter	36 mm (1.42 in)
Pressure line connection (IN)	BSPP-internal 1/2"
Return line connection (OUT)	BSPP-internal 1/2"
Pressure line size (minimum inner diameter)	12 mm (0.47 in)
Return line size (minimum inner diameter)	12 mm (0.47 in)
Optimum oil temperature	40...60 °C (104...140 °F)
Allowed oil temperature range	-20...80 °C (-4...176 °F)
Optimum oil viscosity at operating temperature	30...60 cSt
Allowed oil viscosity range	20...1000 cSt
Mini excavator weight, optimum range ⁵	1.0...1.5 t (2200...3300 lb)
Mini excavator weight, allowed range ⁶	0.8...1.8 t (1800...4000 lb)
Skid steer, robot weight, optimum range ⁷	0.7...1.0 t (1500...2200 lb)
Skid steer, robot weight, allowed range ⁸	0.6...1.3 t (1300...2900 lb)
Noise level, measured sound power level, LWA ⁹	115 dB (115 dB)
Noise level, guaranteed sound power level, LWA ¹⁰	119 dB (119 dB)

1. Includes average mounting bracket and standard tool
2. Actual impact frequency depends on oil flow, oil viscosity, temperature, and material to be broken
3. Actual pressure depends on oil flow, oil viscosity, temperature, material to be broken and back pressure
4. Minimum setting = actual operating pressure + 50 bar (730 psi)
5. Check carrier's lifting capacity from carrier manufacturer
6. Check carrier's lifting capacity from carrier manufacturer
7. Check carrier's lifting capacity from carrier manufacturer
8. Check carrier's lifting capacity from carrier manufacturer
9. According to European Union DIRECTIVE 2000/14/EC
10. According to European Union DIRECTIVE 2000/14/EC