



The Ingersoll Rand 109/1099XPA Series ratchets deliver exceptional power coupled with superior comfort and durability.

- 103 Nm (76 ft-lb) of maximum torque.
- Exclusive Ingersoll Rand TwinPawl Plus head design provides exceptional durability.
- Variable-speed lever allows precise delivery of power and speed.
- 360° adjustable exhaust directs air away from the operator and the workplace.

Specifications at 6.2 bar (90 psi)

Part Number	109XPA
Ordering number	16578700
Drive size (square)	3/8 in
Other available versions:	
- 1/2" square drive	1099XPA

PERFORMANCE

Working torque	10 - 64 ft-lb / 14 - 87 Nm
Maximum torque	76 ft-lb / 103 Nm
Recommended fastener size	3/8 in / M10
Free speed	220 rpm

AIR SYSTEM

Air Inlet (NPT)	1/4 in
Minimum hose size	3/8 in / 10 mm
Average air consumption	4.0 CFM / 113 L/min
Air consumption at load	24.0 CFM / 680 L/min

NOISE & VIBRATION

Sound pressure / power (ISO15744)	92.4 / 103.4 dB(A)
Vibration level / measurement uncertainty (ISO28927)	2.5 / 0.7 m/s ²

WEIGHT & DIMENSIONS

Tool weight	3.30 lb / 1.50 kg
Tool length	12 in / 306 mm
Head dimensions (W x H)	1.57 x 1.38 in / 40 x 35 mm
Shipping weight	3.83 lb / 1.74 kg
Shipping dimensions (L x W x H)	76 x 345 x 74 mm
UPC / EAN code	6 63023 03056 2
Origin	Made in China




SK3M10

81287344

3/8" Impact socket set (10 pcs) (9, 10, 11, 12, 13, 14, 15, 16, 17 and 19 mm)


109-BOOT

45505336

Protective tool boot


33104

91486330

Hose whip, 1/4" NPT, 6 mm inside diameter, 30 cm (1 ft)


77NMC2

88104070

7N7/7S7 Series nipple, 1/4" male thread, 7.2 mm bore (EURO 7.2 - 7.4)


RH-10

92536044

PVC hose, 10 mm inside diameter, 30 m


Filters, regulators, lubricators

For the complete range, see our accessory catalogue.


10Z4

03875671

Oil, Class 1, no. 10, 0.12 L


109XPA-TRK1

16594384

Ratchet head service kit


Impact sockets

For the complete range, see our accessory catalogue.


IB6NMC2

88103015

IBN/IBS Series nipple, 1/4" male thread, 6 mm bore (ISO6150B / MIL-C4109)


Quick Release Couplings

For the complete range, see our accessory catalogue.


CO-1315

56753106

Hose clamps, 13-15 mm outside diameter, 100 pcs


Lubricants

For the complete range, see our accessory catalogue.


109XPA-MK

16594160

Motor service kit