



PART NUMBER

6151607910

Built for heavy-duty industrial grinding, the CP3650-100AB6V pairs a governed, powerful motor with a built-in autobalancer to cut vibration and lift productivity. Designed around 150 mm (6") wheels with a 5/8-11 UNC output spindle, it delivers +25% improved robustness with a 2,500-hour bevel gear life and a 7% smaller carbon footprint compared with the previous generation — built to perform with no compromise on operator safety and comfort.

10,000 rpm

FREE SPEED

1,641 W

MAX POWER

2.35 kg

NET WEIGHT

TECHNICAL SPECIFICATIONS

Free Speed	10,000 rpm
Max Power	1,641 W
Air Cons. @ Free Speed	15.6 l/s (Normo)
Air Cons. @ Load	29 l/s (Normo)
Wheel / Disc Diameter	150 mm (6")
Max Wheel Thickness	10.5 mm
Output Spindle Thread	5/8-11 UNC
Abrasive Type	Type 27
Guard Rotation / Positions	360° / 15
Air Inlet Thread	3/8" BSP
Min. Hose Diameter	13 mm (0.5")
Max Working Pressure	6.3 bar
Length × Width × Height	247.5 × 173.5 × 103 mm
Net Weight	2.35 kg
Sound Power / Pressure	90.4 / 101.4 dB(A)
Vibration	5.3 m/s² (K = 1.1)

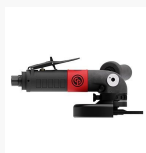
KEY BENEFITS

- +25% improved robustness** with an exceptional bevel gear life of 2,500 hours.
- Governed motor** for better productivity and reduced vibration.
- Built-in autobalancer** smooths operation and boosts productivity.
- More durable design** with protective rubber on the angle head housing and a steel swiveling air inlet.
- Spindle lock button** for fast, easy abrasive disc changes.
- Improved ergonomics** with an orientable, vibration-damping side handle and swiveling air inlet.
- 360° rotatable guard** with 15 lock positions for flexible wheel orientation.
- 7% smaller carbon footprint** versus the previous CP3650 generation.

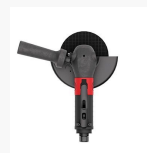
PRODUCT VIEWS



Left View



Right View



Front View

RESOURCES & DOWNLOADS

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Product Page — tools.cp.com
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