



RedDOT
CORPORATION
REDy FOR ANYTHING

A/C COMPRESSOR
AXIAL DIRECT DRIVE

R-9976

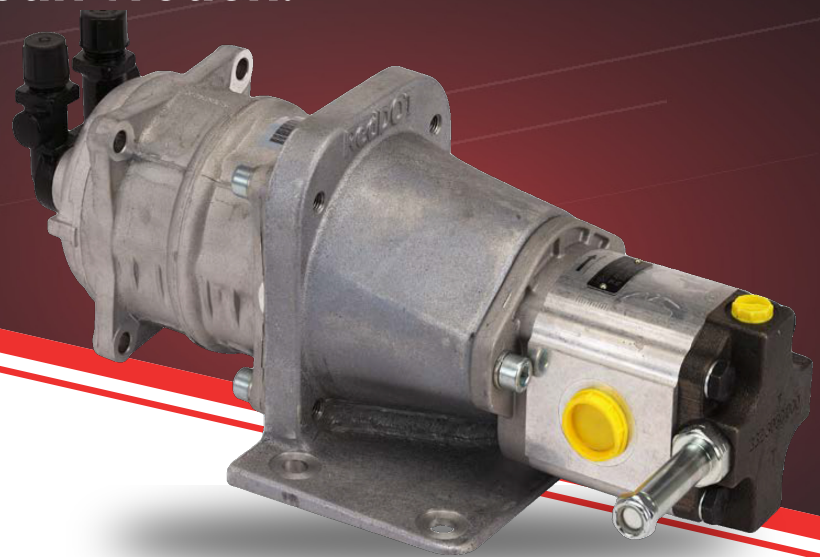
**NO BELTS
HYDRAULIC
DRIVEN**

HYDRAULIC

AXIAL DIRECT DRIVE

Cooling where the engine can't reach.

The perfect solution when you can't run the compressor directly from the engine. No belts, minimal A/C hose length, maximum performance.



OVERVIEW

Fewer lines. Fewer leak points.

The hydraulic motor has an integrated on/off solenoid valve and bypass circuit, giving greater hydraulic flow and pressure range flexibility. With fewer components and connections, the R-9976 is simpler to install, and the mounting plate is the same as previous installations.

- Integrated on/off solenoid valve & bypass circuit
- No external control valves or bypass circuits
- Only three hydraulic lines to connect
- 12 V and 24 V coils + wiring harness included

3

HYDRAULIC LINES

Earlier models: up to 7

0

BELTS

Driven by vehicle hydraulics

THREE HYDRAULIC MOTOR SIZES

R-9976-5P

8 CC/REV

Same as dash-3 assembly

R-9976-6P

14 CC/REV

R-9976-7P

23 CC/REV

**12/24
V COILS**



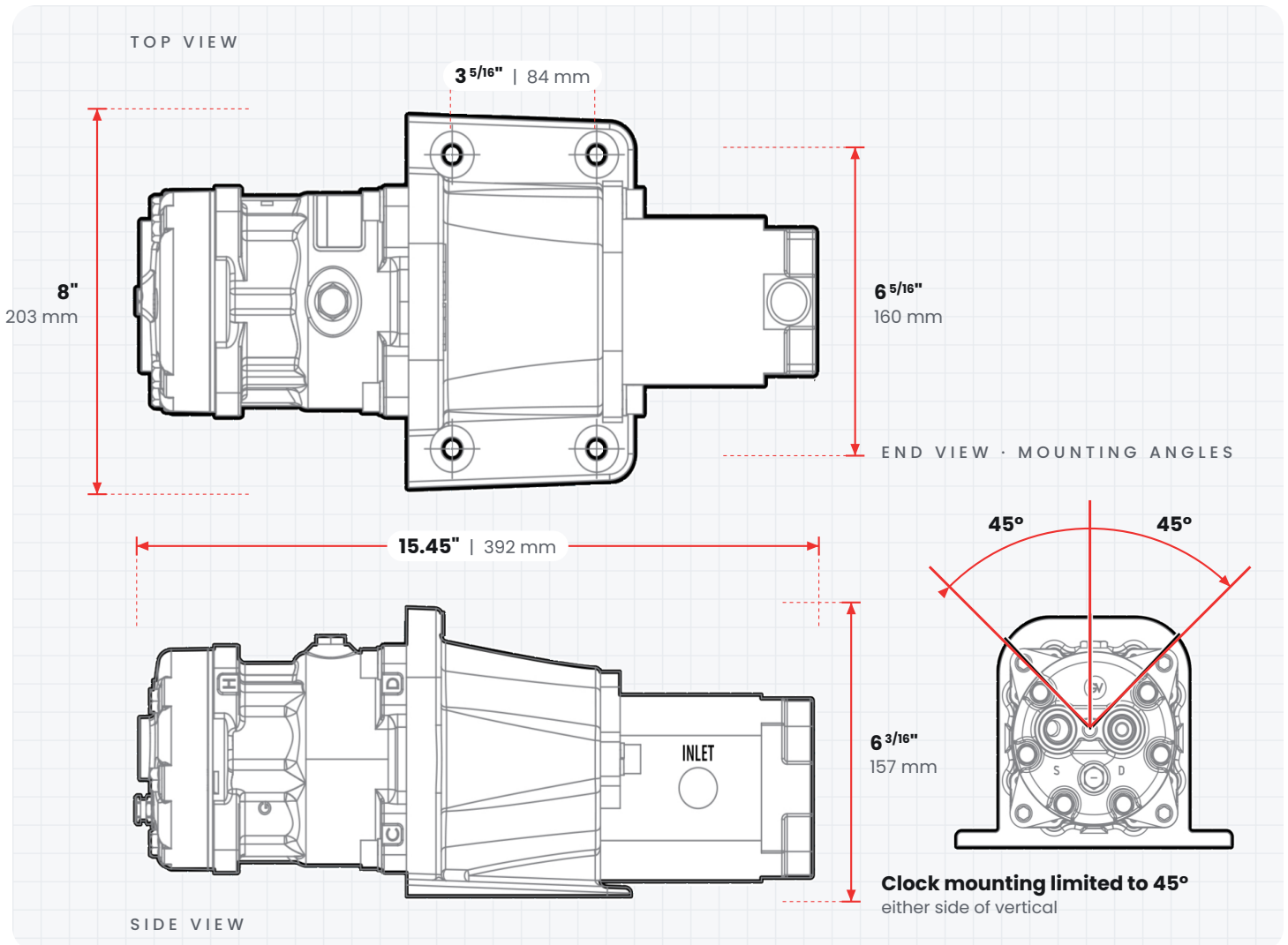
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R-9976

HYDRAULIC AXIAL DIRECT DRIVE COMPRESSOR

DIMENSIONS & MOUNTING

Same mounting plate. Easy fit.



IN THE BOX

Ready for 12 V or 24 V.

Every R-9976 ships with both 12 and 24 volt coils and the wiring harness to connect it to your vehicle's electronics.

- 12 V solenoid coil
- 24 V solenoid coil
- Wiring harness

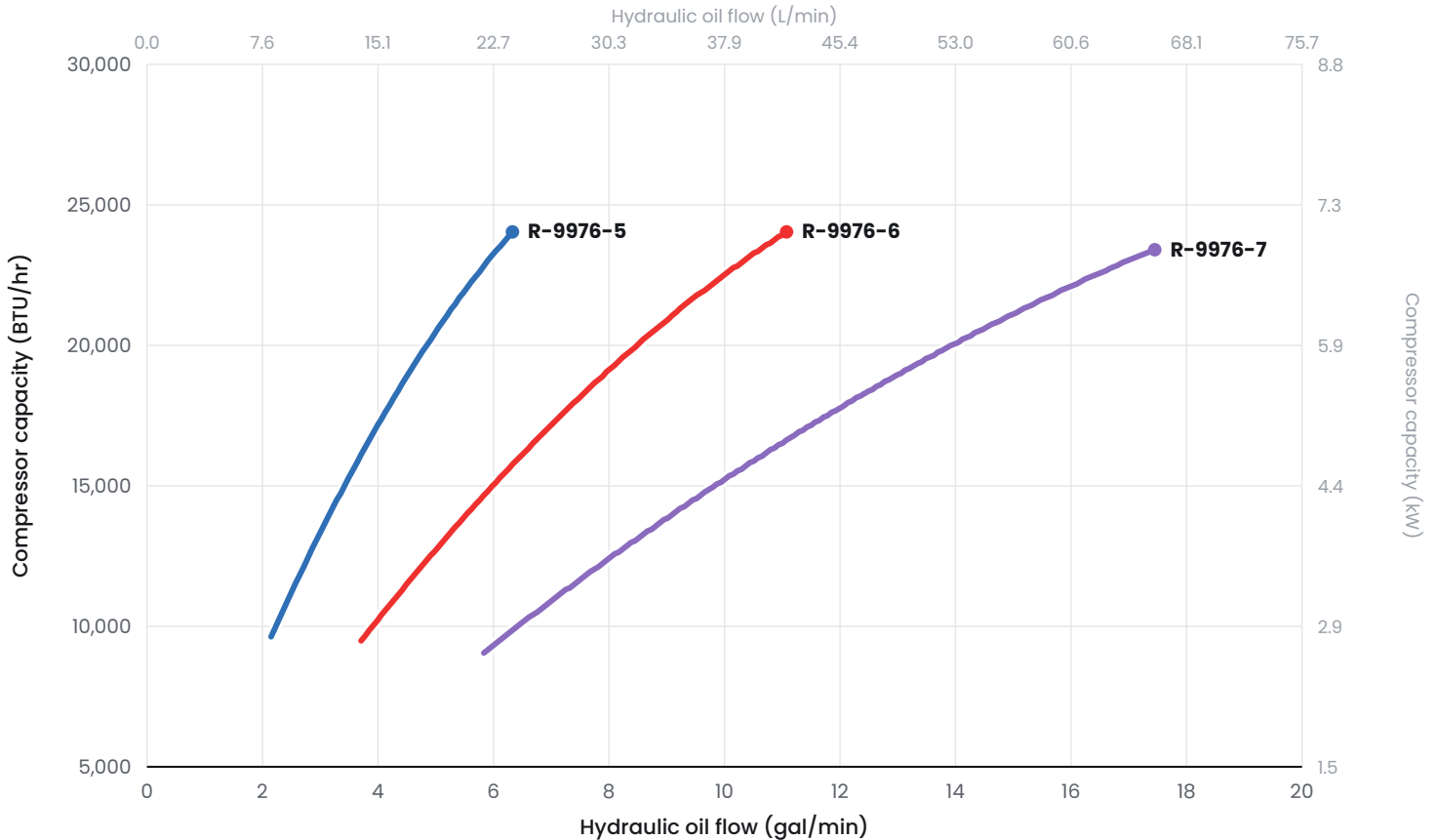




PERFORMANCE

Hydraulic flow & pressure curves

Choose the correct assembly based on your available hydraulic system pressure and flow rate.



R-9976-5

Min flow	2 GPM (7.6 LPM)
Max flow	6 GPM (22.7 LPM)
Max pressure	3625 psi (250 bar)
Min pressure	2000 psi (137 bar)

R-9976-6

Min flow	4 GPM (15 LPM)
Max flow	11 GPM (42 LPM)
Max pressure	3625 psi (250 bar)
Min pressure	1200 psi (83 bar)

R-9976-7

Min flow	6 GPM (22.7 LPM)
Max flow	18 GPM (68 LPM)
Max pressure	3262 psi (225 bar)
Min pressure	700 psi (48 bar)



WARNING

Red Dot Corporation takes no responsibility for modifications to the vehicle's hydraulic systems. All hydraulic modifications must be done by a certified hydraulic technician.