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SDR4A — 0.4 hp angle drills, 800 to 5,700 rpm

Sioux Tools SDR4A series angle drills: speed, weight, length and air use of every model, read from the maker's brochure.

Specification

Item	Value
Type	Pneumatic angle drill
Maker	Sioux Tools
Motor	0.4 hp (0.30 kW)
Head types	Standard 90°, compact 90°, heavy duty 90°, 45°, 360° swivel
Air inlet	1/4" NPT

Item	Value
Recommended hose	3/8" (10 mm)
Performance rated at	90 psig (6.2 bar) air pressure
Standard equipment	Parts list, safety and instruction manual
Status	Maker's brochure ZML0204, issue 1-21. Check the current issue before you order.

Dimensions by size

Dimension, in	Standard 90°	Compact 90°	Heavy duty 90°	45°	360°
Accessory SKU	SP75990	SP76006	SP76002	SP75994	SP76008
A — head, along the tool	3.04	3.02	3.31	3.34	3.44
B — head height	1.11	0.88	1.08	1.11	3.14
C — head width	0.71	0.67	0.97	0.72	0.71

Head dimensions in inches, as in the brochure; letters as on the maker's drawing of each head.

Part numbers

90° standard head 7 part numbers

Part no.	Free speed, rpm	Weight, lb	Weight, kg	Length, in	Length, mm	Air, cfm	Air, l/s	Spindle thread
SDR4A8S8L	800	2.08	0.94	10.0	255	21	10	1/4"-28
SDR4A20S8L	2,000	1.92	0.87	9.5	240	21	10	1/4"-28
SDR4A27S8L	2,700	1.92	0.87	9.5	240	21	10	1/4"-28
SDR4A33S8L	3,300	1.92	0.87	9.5	240	21	10	1/4"-28
SDR4A44S8L	4,400	1.92	0.87	9.5	240	21	10	1/4"-28
SDR4A55S8L	5,500	1.92	0.87	9.5	240	21	10	1/4"-28
SDR4A27S9L	2,700	1.92	0.87	9.5	240	21	10	9/32"-40

90° compact head 4 part numbers

Part no.	Free speed, rpm	Weight, lb	Weight, kg	Length, in	Length, mm	Air, cfm	Air, l/s	Spindle thread
SDR4A28C8L	2,800	1.86	0.84	9.5	240	21	10	1/4"-28
SDR4A35C8L	3,500	1.86	0.84	9.5	240	21	10	1/4"-28
SDR4A47C8L	4,700	1.86	0.84	9.5	240	21	10	1/4"-28
SDR4A57C8L	5,700	1.86	0.84	9.5	240	21	10	1/4"-28

90° heavy duty head 5 part numbers

Part no.	Free speed, rpm	Weight, lb	Weight, kg	Length, in	Length, mm	Air, cfm	Air, l/s	Spindle thread
SDR4A8H8L	800	2.19	0.99	10.3	260	21	10	1/4"-28
SDR4A13H8L	1,300	2.19	0.99	10.3	260	21	10	1/4"-28
SDR4A21H8L	2,100	2.03	0.92	9.8	250	21	10	1/4"-28
SDR4A28H8L	2,800	2.03	0.92	9.8	250	21	10	1/4"-28
SDR4A35H8L	3,500	2.03	0.92	9.8	250	21	10	1/4"-28

45° head 7 part numbers

Part no.	Free speed, rpm	Weight, lb	Weight, kg	Length, in	Length, mm	Air, cfm	Air, l/s	Spindle thread
SDR4A8F8L	800	2.03	0.92	10.3	260	21	10	1/4"-28
SDR4A21F8L	2,100	1.87	0.85	9.8	250	21	10	1/4"-28
SDR4A28F8L	2,800	1.87	0.85	9.8	250	21	10	1/4"-28
SDR4A35F8L	3,500	1.87	0.85	9.8	250	21	10	1/4"-28
SDR4A47F8L	4,700	1.87	0.85	9.8	250	21	10	1/4"-28
SDR4A57F8L	5,700	1.87	0.85	9.8	250	21	10	1/4"-28
SDR4A28F9L	2,800	1.87	0.85	9.8	250	21	10	9/32"-40

360° swivel head 3 part numbers

Part no.	Free speed, rpm	Weight, lb	Weight, kg	Length, in	Length, mm	Air, cfm	Air, l/s	Spindle thread
SDR4A18T8L	1,800	2.14	0.97	10.4	265	21	10	1/4"-28
SDR4A29T8L	2,900	2.14	0.97	10.4	265	21	10	1/4"-28
SDR4A48T8L	4,800	2.14	0.97	10.4	265	21	10	1/4"-28

Notes

- Spindle internal thread: 1/4"-28 on all models except SDR4A27S9L and SDR4A28F9L (9/32"-40).
- Brochure features: 5 head types, 7 speeds, 3 planetary gears, spiral bevel angle gears, integrated rubber grip, two-finger safety lever, drop-in motors.

SOURCES · Sioux Tools product brochure ZML0204, 1-21 — SDR4A Series Angle Drills

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