

Atlas Copco Straight Grinders

LSR 48 – Power, safety and ergonomics



Sustainable Productivity

Atlas Copco

Exceptional Power, Excellent Ergonomics and Superior Safety will improve your operation

A wide range to fit all your needs



Cone Wheel



3"



4" & 5"

Straight wheel models are available with open and closed wheel guards

Technical data

Model	Max free Speed r/min	For wheel diameter DxTxH mm	Wheel guard	Spindle thread and length	Max output		Weight		Length mm	Air consumption at max output		at free speed		Sound press. accord. to ISO 15744 [dB(A)]*	Vibration value accord to ISO 28927-3 m/s ²	Vibration Uncertainty m/s ²	Ordering No
LSR48 S090-10	9000	100x25x13-25	Closed	UNC 1/2x37	1,5	2.0	3.2	7.0	495	28.0	59.0	11.0	23.0	76	<2.5		8423143002
LSR48 S090-CW	9000		-		1,5	2.0	2.3	5.0	450	28.0	59.0	11.0	23.0	76	3.6	0.9	8423143003
LSR48 S120-08	12000	80x25x13-25	Closed	UNC 1/2x37	1,8	2.4	3.0	6.6	498	30.0	64.0	13.0	28.0	78	<2.5		8423143004
LSR48 S120-CW	12000		-		1,8	2.4	2.3	5.0	450	30.0	64.0	13.0	27.0	80	<2.5		8423143005
LSR48 S120-13	12000	125x25x16-25	Open	UNC 5/8x42	1,8	2.4	3.6	7.9	487	30.0	64.0	13.0	28.0	83	2.9	1.2	8423143006
LSR48 S150-10	15000	100x25x16-25	Open	UNC 5/8x42	2,0	2.7	3.5	7.7	499	35.0	74.0	19.0	40.0	85	3.1	1.2	8423143007
LSR48 S150-CW	15000		-		2,0	2.7	2.3	5.0	450	35.0	74.0	19.0	40.0	80	<2.5		8423143008
LSR48 S120-10	12000	100x32x16-25	Open	UNC 5/8x49	1,8	2.4	3.5	7.7	495	30.0	64.0	13.0	28.0	80	<2.5		8423143009

*Air inlet thread for all models is BSP 1/2". Recommended hose size is 16 mm / 5/8". Sound pressure uncertainty is 3 dB(A).

Boost power with the right installation

Save more than 750 Euro per month!

The efficiency of a grinder is closely connected to air flow and pressure. Already with one bar drop you will have 40 % longer process time. If you are using your grinder 3 h/day and have cost for a working hour of 30 Euro the additional 1,2 hours the operator has to work will cost the employer 36 Euro per day. In a month this amounts to 756 Euro.

The LSR 48 range is especially designed to speed up your process through its great power and low weight.

- Minimal abrasive costs and high efficiency is secured through a speed governor.
- Ergonomic design reduces the risks of work related disorders. The tool is also one of few straight grinders equipped with an autobalancer.
- Reduce the risk for wheel accidents by using the LSR 48 which is equipped with an over speed protection device.
- Long service life is guaranteed thorough the lubrication free vane motor.



In order to reach maximum flexibility, the LSR 48 with straight wheels are delivered with different flanges as follows:

Straight wheel tools with 1/2" spindle

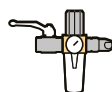
Straight wheel tools with 5/8" spindle

Ø13 mm Ø16 mm Ø20 mm Ø25 mm Ø16 mm Ø20 mm Ø25 mm



Make sure you enjoy its full potential by invest in one of our tool-specific Installation Proposals – for optimum productivity!

Installation Proposal for LSR 48.



Ordering No:
8202 0845 48



Ordering No:
8202 1180 46

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