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Cut-off saw BTS635s

5100005408

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Cut-off saw BTS635s

Material number 5100005408

Cut-off saw with gasoline engine.



Product details

Well-balanced equipment for an ergonomic and comfortable operation.

- Easy starting thanks to the "soft start" function
- Highly efficient, three-stage air cleaner system
- Powerful engine with a high torque
- Low hand-arm vibrations (HAV) (below 5 m/s²)
- Full blade guidance: Cutting blade guard with circumferential guide edge, which displays the position of the blade from all viewing directions.
- Smooth running of the equipment for a high level of precision when cutting
- Hose connection for water sprinkling system through tool-free rapid action coupling model "Gardena"
- Design made of highly wear resistant materials for a long service life

Equipment can be used in a guide cart (accessories), e.g. for cutting floor materials. A cutting blade is required to operate the equipment. You will also find a comprehensive offer of diamond blades here in the shop.

Comes with

- Equipment
 - Operator's manual
 - 5 mm Allen wrench
 - 6 mm Allen wrench
 - 13/19 mm combination wrench
- (Cutting blade not included in the standard package)

Technical specifications

Cut-off saw BTS635s

ELECTRICAL SYSTEM

Breaker Switch On/Off	Yes
Electrode distance	0,60 mm

OPERATING FLUIDS

Tank capacity	1,10 l
Fuel specification	ROZ 91 (87 R+M) bf

MECHANICAL DETAILS

Length	825 mm
Width	315 mm
Height	420 mm
Weight	11,60 kg
Cutting wheel diameter min.	300 mm
Cutting wheel diameter max.	350 mm
Mounting hole of wheel	25,4 mm
Ext. diam. pressure disk min.	90 mm
Spindle diameter	25,40 mm

ENVIRONMENT DATA

Sound level LpA	104,0 dB(A)
Sound level LpA (Standard)	DIN EN ISO 19432

Sound power LWA, measured	115,0 dB(A)
Sound power LWA, guaranteed	117,0 dB(A)
Sound power LWA (Standard)	DIN EN ISO 19432
HAV summation (Standard)	EN ISO 19432
Uncertainty in measurement HAV	1,5 m/s ²
Exhaust-gas limit	EU Stage V
Accel. bow-typ nominal speed	4,6 m/s ²
Accel. handle nominal speed	3,5 m/s ²
CO ₂ (NRSC)	840,0 g/KWh

ENGINE

Engine type	Gasoline engine
Effective power	3,7 kW
Nominal Engine speed	9.300 1/min
Cylinder	1
Cylinder capacity	86 cm ³
Cooling	air cooling
Kraftstofftyp	Two-stroke mixture
Engine operating mode	two-stroke
Fuel consumption	2,30 L/Std
Fuel management	Carburettor
Oil specification	ISO-L-EGD
Spark plug(s)	NGK BPMR-7 A
Starter type	Recoil starter with soft start
Idling speed	2.800 1/min
Speed max.	10.000 1/min
Fuel mix ratio	1:50

MECHANICAL - OUTPUT DETAILS

Transmission	KRR, FKK
Span width max.	4,5 mm
Cutting depth max.	12,8 cm
Circum. speed; Wheel 300 mm	67,0 m/s
Circum. speed; Wheel 350 mm	78,0 m/s
Spindle speed	4.240 1/min

MECHANICAL - OUTPUT DETAILS

Transmission	KRR, FKK
Span width max.	0,2 "
Cutting depth max.	5,0 "
Circum. speed; Wheel 300 mm	219,8 fps
Circum. speed; Wheel 350 mm	255,9 fps
Spindle speed	4.240 1/min

OPERATING FLUIDS

Tank capacity	0,3 gal US
Fuel specification	ROZ 91 (87 R+M) bf

ELECTRICAL SYSTEM

Breaker Switch On/Off	Yes
Electrode distance	0,024 "

ENGINE

Engine type	Gasoline engine
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Effective power	5,0 hp
Nominal Engine speed	9.300 1/min
Cylinder	1
Cylinder capacity	5,2 Inch3
Cooling	air cooling
Kraftstofftyp	Two-stroke mixture
Engine operating mode	two-stroke
Fuel consumption	0,6 GPH US
Fuel management	Carburettor
Oil specification	ISO-L-EGD
Spark plug(s)	NGK BPMR-7 A
Starter type	Recoil starter with soft start
Idling speed	2.800 1/min
Speed max.	10.000 1/min
Fuel mix ratio	1:50

ENVIRONMENT DATA

Sound level LpA	104,0 dB(A)
Sound level LpA (Standard)	DIN EN ISO 19432
Sound power LWA, measured	115,0 dB(A)
Sound power LWA, guaranteed	117,0 dB(A)
Sound power LWA (Standard)	DIN EN ISO 19432
HAV summation (Standard)	EN ISO 19432
Uncertainty in measurement HAV	4,9 ft/s ²
Exhaust-gas limit	EU Stage V
Accel. bow-typ nominal speed	15,1 ft/s ²
Accel. handle nominal speed	11,5 ft/s ²
CO ₂ (NRSC)	840,0 g/KWh

MECHANICAL DETAILS

Length	32,5 "
Width	12,4 "
Height	16,5 "
Weight	25,57 lb
Cutting wheel diameter min.	12 "
Cutting wheel diameter max.	14 "
Mounting hole of wheel	1,000 "
Ext. diam. pressure disk min.	90 mm
Spindle diameter	25,40 mm

Please Note

This product availability can vary from country to country. It is possible that information / products may not be available in your country. More detailed information on engine power can be found in the operator's manual; the started power may vary due to specific operating conditions. Subject to alterations and errors expected. Applicable also to illustrations.

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