

HANDHELD BAND SAWS RPP 200 AND RHP 200

Use and description:

Handheld band saw (hereinafter only saw) is intended for cutting metal and non metal materials with the endless saw band. During the cutting operation the saw is controlled in its cutting position by the operator with both hands or by the clamping jig.

The saw consists of the welded frame manufactured from the middle class steel plate. Inside the frame there is a device tensioning the saw band. Driving pulley and driven one are covered with the cover manufactured from the thin plate. The driving unit is hydraulic or pneumatic version. The saw band is slightly turned with guiding pulleys. On the side near the drive the supporting console is fastened to the guiding device. The saw control device is located on the drive.



Characteristics:

| Type | | RPP 200 | RHP 200 |
|--------------------------------------|------------------------------------|--------------------|--|
| Drive | | pneumatic | hydraulic |
| Max. dimension of material to be cut | mm | Tube DN 200 | Tube DN 200 |
| Strength of material to be cut | MPa | max. 1 100 | max. 1 100 |
| Cutting speed | m.min ⁻¹ | max. 60 | max. 80 |
| Motor output | kW | 0.45 (při 0.6 MPa) | 2.6 |
| Operation pressure | MPa | 0.4 – 0.6 | 7 - 32 |
| Working liquid | | compressed air | hydraulic liquid having a viscosity of 46 mm ² .s ⁻¹ at 40°C |
| Filtration | µm | 55 | 25 |
| Air consumption at max. output | dm ³ .min ⁻¹ | 800 | 8 - 16 |
| Hose connection | mm | Rd 32 | M16x1,5 (DN 8/10) |
| Saw band dimensions | mm | 0.9x16-2 060 | 0.9x16-2 060 |
| Dimensions h x w x l | mm | 243x308x907 | 225x308x907 |
| Weight without drive and jig | kg | 19.0 | 19.5 |

Type marking: RPP, RHP 200 RPP 200, RHP 200
HANDHELD SAW
type number

The product has been designed and constructed as the equipment group I (mine), category M2 and equipment group II (mine surface installations), category 2 according to the Directive 94/9/EC of the European Parliament and of the Council and meets the requirements for using in areas “hazardous atmospheric conditions 2” according to EN 1127-2+A1 and “zone 1” according to EN 1127-1 on condition that national regulations of the employer are fulfilled.

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