



BARREL CLEANER BRM COMPACT

- Water-hydraulic drive
- Cleaning from below through the bunghole
- Compact stainless steel trolley
- 360° jet coverage



- For barrels from 225 to 600 litres
- For insertion openings larger than Ø 38 mm
- Driven by a compact water turbine
- No power supply needed, start via the ball valve
- Speed 10–30 rpm, adjustable via water volume
- 2 nozzles, 0°, 5° or 15° as required
- Complete cleaning cycle in approx. 3–5 min
- Optional loading ramp for the barrel
- Very low operating noise

The BRM Compact is a compact, mobile barrel cleaner with water drive for cleaning the inside of barrels with a capacity of 225 to 600 litres. This unit, unique worldwide, is designed for maximum efficiency. It consists of an HRK cleaner, a compact mobile frame and an optionally available loading ramp.

The barrels remain on the rack during cleaning; the barrel cleaner is inserted directly into the barrel from below. The very compact, spherical high-pressure spray head can be inserted quickly and without damage through the bunghole (larger than Ø 38 mm), and the dirty water drains out through the bunghole. A compact water turbine uses the energy of the cleaning water to drive the cleaning head at the same time – the unit works without a cable, and cleaning starts as soon as the ball valve is opened. The head rotates at 10–30 rpm and covers the entire inside of the barrel (360°) with its two nozzles. The speed can be varied via the water volume and adapted to the available water volume with different nozzles. Depending on the degree of soiling, a complete cycle takes approx. 3–5 minutes.

Thanks to the modular design, the individual components can be replaced, so the unit is quickly ready for use again after servicing. The BRM Compact is durable, easy to maintain and runs very quietly. Contact us directly to find out more about accessories and spare parts.

Technical data

Drive:	water-hydraulic (water turbine)
Cleaner:	HRK cleaner with RK cleaning head
Working pressure:	80 – 120 bar (1160 – 1740 psi)
Flow rate:	13 – 20 LPM (3.4 – 5.3 US gpm)
Max. temperature:	90 °C (194 °F)
Speed:	10 – 30 rpm (adjustable via water volume)
Jet coverage:	360°
Nozzles:	2, 0° / 5° / 15°, M4
Cleaning cycle:	approx. 3 – 5 min, depending on soiling
Connection:	M22 × 1.5 / G 1/2" / G 3/8"
Insertion opening:	bunghole larger than Ø 38 mm (1.50 inch)
Barrel sizes:	225 – 600 litres (59 – 159 US gal)
Material cleaner:	stainless steel 1.4301
Material trolley:	stainless steel 1.4301
Seals:	FPM (Viton®) / EPDM / FDA
Dimensions (L × W × H):	584.9 × 340 × 469.8 mm (23.0 × 13.4 × 18.5 inch)
Approvals:	CE
Item no.:	126.12.03.00

Application example: cleaning from below through the bunghole



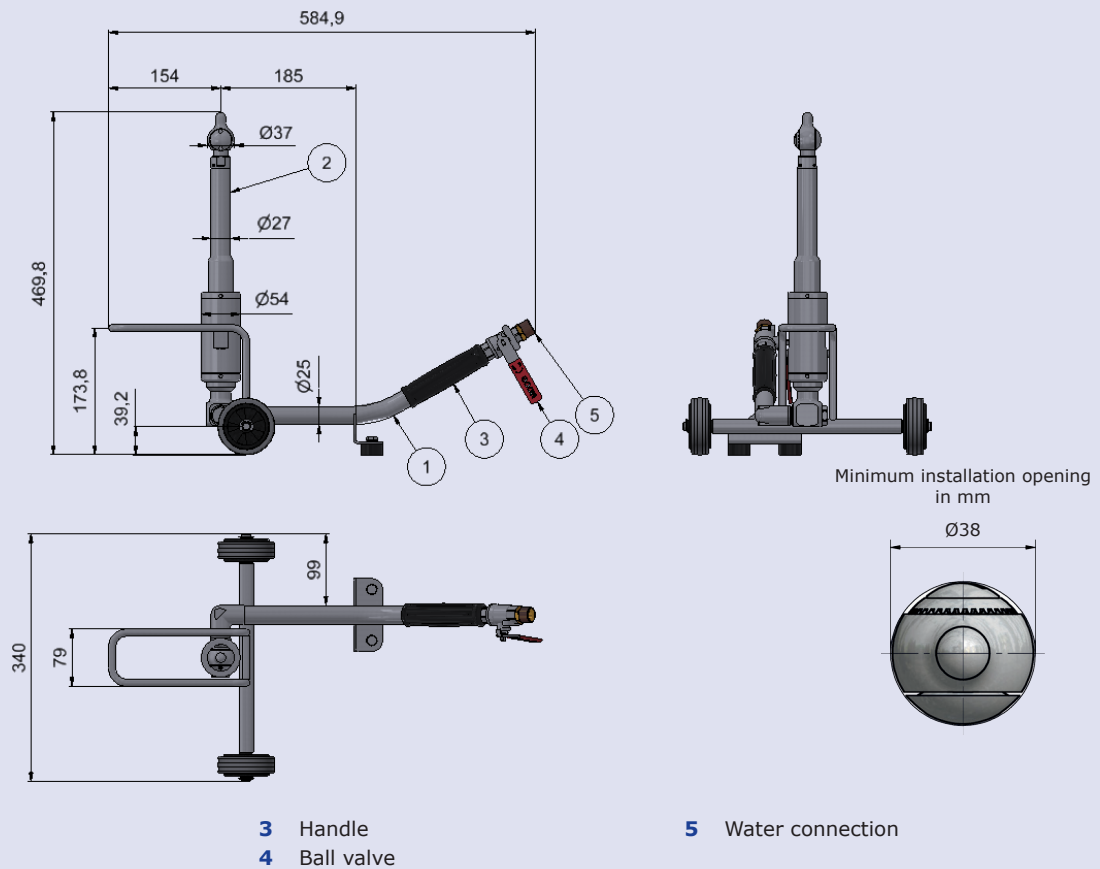
Sectional view: cleaning head inside the barrel



BRM Compact – compact mobile barrel cleaner with water drive

Dimensions

Dimensions in mm



Maintenance

Nozzle cleaning:	with compressed air; for stubborn dirt, with a very thin metal rod
Nozzle replacement:	if required, with nozzles of the same type with identical nozzle opening
Filter screen:	in the drive inlet, clean regularly depending on soiling; always replace a damaged screen
Speed:	factory-set to the existing high-pressure supply, adjustable via three flow control nozzles
Maintenance interval:	approx. every 300 operating hours; replace all seals
Ball bearings:	replace with original bearings after 2,000 operating hours at the latest

The maintenance intervals depend on the operating time, pressure range, media temperature and cleaning agent used and must be determined individually during trial operation. The operator is responsible for observing the maintenance intervals.

Safety instructions

- The barrel cleaner is suitable exclusively for cleaning the inside of barrels.
- The unit may only be operated with fresh water and with cleaning agents expressly approved by the manufacturer. The operating conditions and performance limits stated in this data sheet must be observed.
- The unit is technical work equipment and is not intended for private use. Intended use also includes proper transport and professional storage.

Accessories, spare parts and documentation

Loading ramp:	optional
Accessories and spare parts:	on request
Documentation:	operating instructions, spare parts overview, certificates, declaration of conformity