



BARREL CLEANER BRA REFERENCE FLEX

- Flexible suction foot for stacked barrels
- Cleaning and extraction at the same time
 - 360° jet coverage
- Electric drive 100–240 VAC



- For barrels from 225 to 600 litres
- For bungholes larger than Ø 37 mm
- Bunghole fixture for Ø 37–56 mm
- Height-adjustable barrel support
- Vacuum generated by high-pressure injector system
- R40 cleaning head with 2 nozzles (5°)
- Drive via angle gear
- Complete cleaning cycle in approx. 3–5 min
- Very low operating noise
- Other pipe lengths and drives on request

The BRA Reference Flex is a mobile handheld unit for cleaning the inside of barrels directly at the storage location. It consists of a rotating cleaning head, an electric motor and a connecting pipe with a flexible suction foot and is inserted through the bunghole (larger than Ø 37 mm) into barrels with a capacity of 225 to 600 litres. The flexible suction foot makes the unit particularly suitable for stacked barrels.

Via an angle gear and the connecting pipe, the electric motor drives the R40 cleaning head, which rotates at 17 rpm and covers the entire inside of the barrel (360°) with its two nozzles. The suction pipe is connected to the cleaning head by a flexible insert. During and after cleaning, an integrated injector system extracts the dirty water – the vacuum required for this is generated by the high pressure of the cleaning water. Cleaning and extraction thus take place in a single operation; a complete cycle takes approx. 3–5 minutes.

Thanks to the modular design, the cleaning head, motor and connecting pipe can be replaced individually, so the unit is quickly ready for use again after servicing. The bunghole fixture and height-adjustable barrel support ensure a secure hold on the barrel. The BRA Reference Flex is durable, easy to maintain and runs very quietly. Contact us directly to find out more about accessories and spare parts.

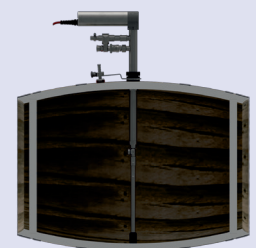
Technical data

Drive:	electric, 100 – 240 VAC, via angle gear
Cleaning head:	R40, rotating
Suction foot:	flexible, for stacked barrels
Working pressure:	80 – 120 bar (1160 – 1740 psi) (recommended)
Flow rate:	15 – 20 LPM (4.0 – 5.3 US gpm) (recommended)
Max. temperature:	90 °C (194 °F)
Speed:	17 rpm
Jet coverage:	360°
Nozzles:	2, 5°
Cleaning cycle:	approx. 3 – 5 min (approx. 60 revolutions)
Connection:	M22 × 1.5
Insertion opening:	bunghole larger than Ø 37 mm (1.46 inch)
Bunghole fixture:	for Ø 37 – 56 mm (1.46 – 2.20 inch)
Barrel sizes:	225 – 600 litres (59 – 159 US gal)
Material head and pipe:	stainless steel AISI 316
Seals:	FPM (Viton®)
Dimensions:	949 × 328 × 61 mm (37.4 × 12.9 × 2.4 inch)
Weight:	7.2 kg (15.9 lbs)
Approvals:	CE, CSA
Item no.:	PR.000.031

Application example: cleaning a barrel

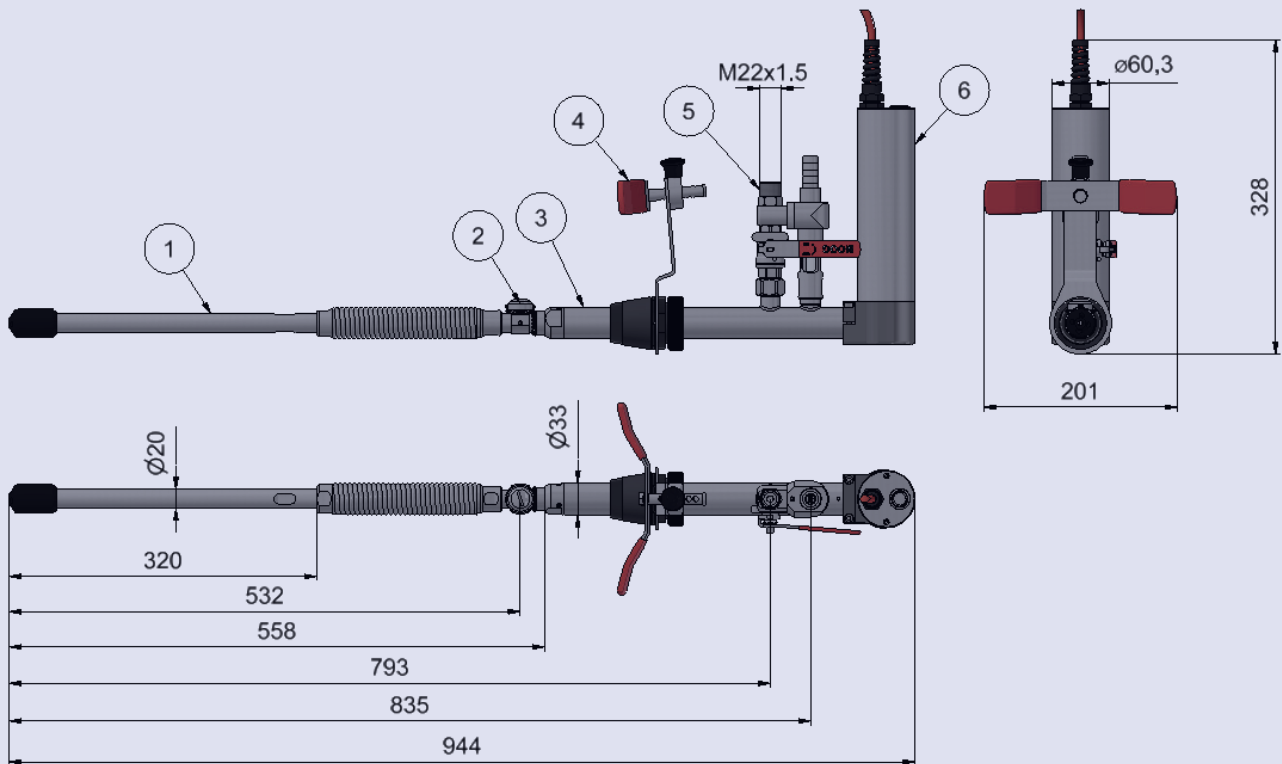


Sectional view: cleaning head inside the barrel



Dimensions

Dimensions in mm



- | | | |
|---------------------|-------------------|-----------------------------|
| 1 Suction foot | 3 Connecting pipe | 5 Injector with sight glass |
| 2 R40 cleaning head | 4 Bunghole spigot | 6 Electric drive |

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
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 any 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. 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

Variants:	other pipe lengths and drives on request
Accessories and spare parts:	on request
Documentation:	operating instructions, spare parts overview, certificates, declaration of conformity