

Application

These units were primarily developed for use as shutter vibrators, tampers, and surface finishers for concrete. They are also effective as an aid to Industry for vibrating hoppers, compaction tables, chutes, knock-out grids and many other applications where high frequency is desirable.

Description

This extremely simple design high frequency vibrator attains maximum working forces with just two moving parts and five basic components.

Because it has no bearings usual maintenance and wear problems have been eliminated without sacrifice of high operating speeds. Used in conjunction with weld-on brackets (see below)

Accessories

Air supply hose assembly, comprising of 1m hose, on/off cock, quick release coupling with gauze and hose clips.
Quick release weld-on brackets models QR2 and QR4.

On request can be supplied with ATEX certification to ATEX 95 94/9/EC II 2 G & D Zone 1, 2, 21, 22

Technical data's

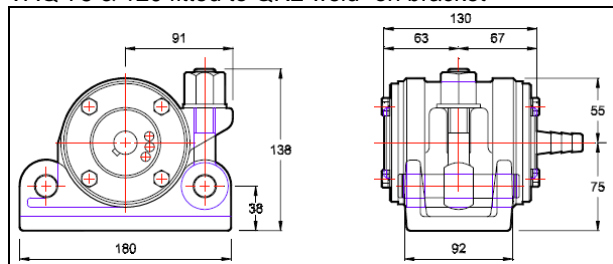
type	frequency min ⁻¹ 6 bar	power kN 6 bar	air consumption l/min 6 bar	suitable Quick - release	weight kg
VAQ-75	13000	0,7	1170	QR-2	7,9
VAQ-120	13000	11,8	1170	QR-2	8,0
VAQ-2500	9000	24,5	1450	QR-4	13,2
VAQ-4000	15000	39,2	1630	QR-4	15,8
VAQ-4000S	8500	39,2	1500	QR-4	18,0
VAQ-4500	8500	44,1	1660	QR-4	16,5
VAQ-6000	14500	58,9	1840	QR-4	17,0

Performance data established in free air with a supply pressure of 6 bar (87 p.s.i.)

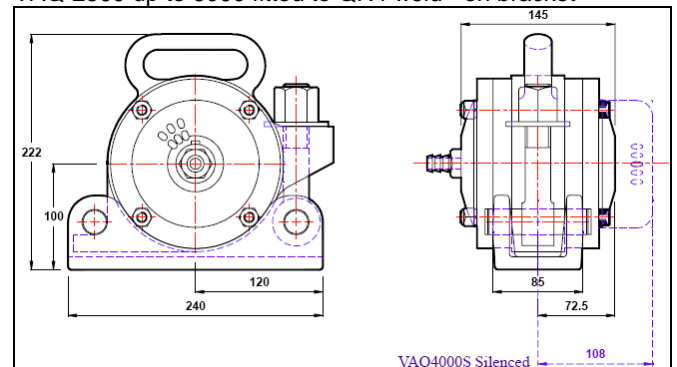
NOTE. Special silenced version VAQ4000S has noise level of 90 dBA.

Dimensions in mm

VAQ-75 & 120 fitted to QR2 weld- on bracket

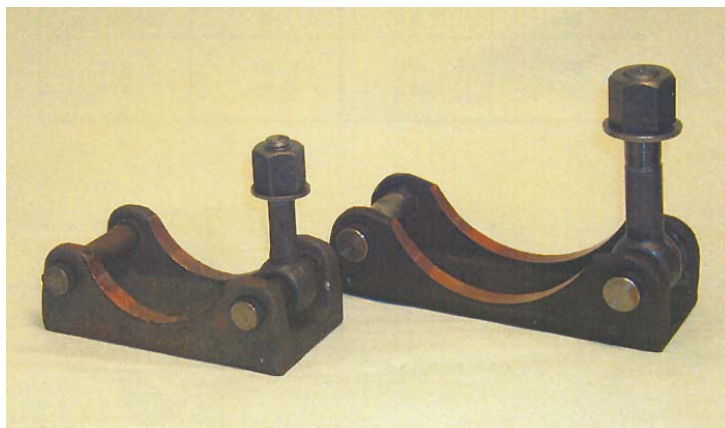


VAQ-2500 up to 6000 fitted to QR4 weld - on bracket



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QR-2 & QR-4 Quick release bracket



Description

The cradle base is manufactured from cast steel and is fitted with a stationary shaft for locating the vibrator and a swinging draw bolt for locking the vibrator into position by means of a single nut. The cradle must be welded into position.

Application

The QR bracket is the economical solution of applying multiple points of vibration using the minimum number of vibrators.

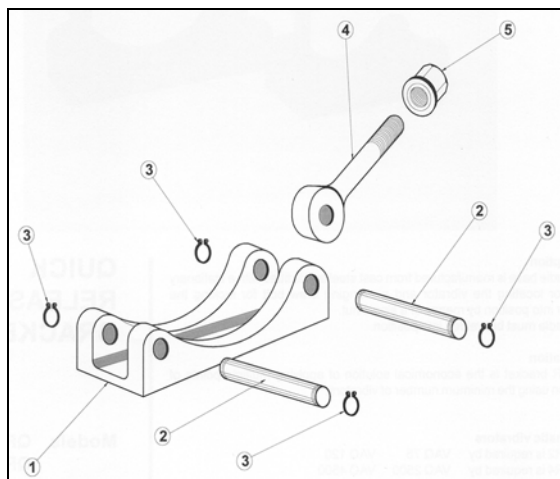
The QR2 is required by VAQ 75 VAQ 120

The QR4 is required by VAQ 2500 VAQ 4500 VAQ 4000 VAQ 6000

Dimensions in mm

	length	width	weight / kg
QR-2	180	95	3,15
QR-4	240	86	4,75

Spare parts



item no.	1	2	3	4	5
description	cradle	shaft	circlip	draw bolt	draw nut
quantity	1	2	4	1	1

QR-2 – part no.	2572	4365	4366	2573	1935
QR-4 – part no.	1915	4364	4293	1948	1953

We reserve the right to modify or withdraw specifications or products without notice or obligation.

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