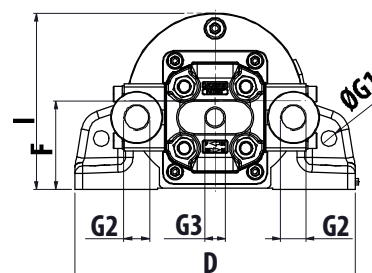
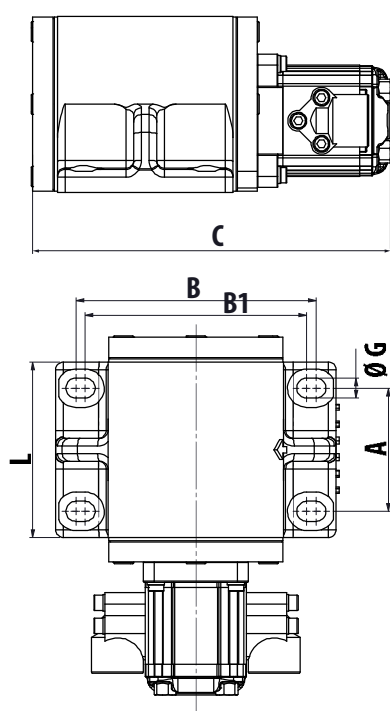




# MVO - Hydraulic vibrators



DIMENSIONAL SPECIFICATIONS

A		B		B1		C		D		L		F		G		G1		G2	G3	I		Weight	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	BSPP	BSPP	mm	in	kg	lb
80	3.15	156	6.14	144	5.67	232.5	9.2	182	7.16	114.5	4.5	57.5	2.3	13	0.5	10	0.4	3.8"	1/4"	114.5	4.50	11	24

MECHANICAL FEATURES

MECHANICAL FEATURES										
MODEL	CENTRIFUGAL FORCE				WORKING MOMENT		STATIC MOMENT		OPERATING PRESS.	MAX PRESSURE
	3000 rpm		6000 rpm		kgcm	inlb	kgcm	inlb	bar	bar
	kg	lb	kg	lb					3000 rpm	6000 rpm
MVO 850	208	459	830	1830	4.12	3.57	2.06	1.78	70	120

BEARING LIFE

rpm	CENTRIFUGAL FORCE		BEARING LIFE
	kg	lb	
3000	208	459	1,375.922
6000	830	1830	6,826

## MVO - HYDRAULIC VIBRATORS

**APPLICATION** Dump trailer - agriculture machine - digging bucket

**POWDER** Hygroscopic - wet sticky and granular

**PROBLEM SOLVING** Detaching

## FEATURES

**DUTY CYCLE** Continuous - S1

**WORKING PRESSURE** From 15 bar to 300 bar (from 217 psi to 4.350 psi)

**HYDRAULIC CIRCUIT** Flow control valve + filter (mesh 30-60 micron)

**ENGINE SIZE** 3.12 Cm³/round

**WORKING TEMPERATURE** From -20 °C to 60 °C (from -4 °F to 140 °F)

**OIL VISCOSITY** From 20 mm²/sec to 100 mm²/sec

**OIL TYPE** HLP HV (D in 51524) hydraulic mineral oil

**FLOW RATE** 2,24 l/min (700 rpm) - 9,6 l/min (3.000 rpm) - 19,2 l/min (6.000 rpm)

**MAX NOISE LEVEL** 80 dB(a)

**MOTOR TYPE** XV-1M/3.2

**TECHNOLOGY** Hydraulic rotary vibrator

**MATERIAL** Grey cast iron body (RAL 2004 powder painted)