

TECHNICAL DATA

Model	VX-BOOSTER 52	VX-BOOSTER 58	VX-BOOSTER 65	VX-BOOSTER 75
Diameter (mm)	Ø 52	Ø 58	Ø 65	Ø 75
Vibrator Length (mm)	382	410	425	430
Weight (Kgs.) (BOTTLE)	4,75	6,40	8,15	10,70
Force Output (N)	3815	5520	7275	8460
Vibration Amplitude (mm)	1,02	1,09	1,13	1,22
Action Diameter (mm)	416	464	520	600
V.P.M.	11 800	11 800	11 500	11 500
Frequenzy (Hz)	200	200	200	200
Tension (V)	42	42	42	42



	UNLOAD	LOAD	UNLOAD	LOAD	UNLOAD	LOAD	UNLOAD	LOAD
COSf=	0,67	0,74	0,8	0,84	0,81	0,86	0,89	0,90
Current (A)	6,60	12,50	7,30	13,50	9,42	15,50	11,00	17,00
Power (W)	370	750	470	800	610	950	770	1050

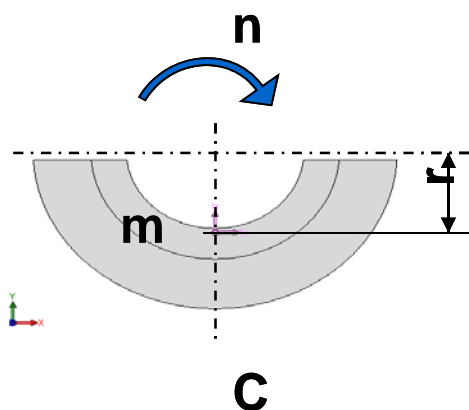
A

MAXIMUM APROXIMATELY WITH LOAD.

W

ABSORBED WATTS PER CONSUMPTION WITH LOAD.

CENTRIFUGAL FORCE



$$C = 0,01097 \times m \times r \times n^2$$

2

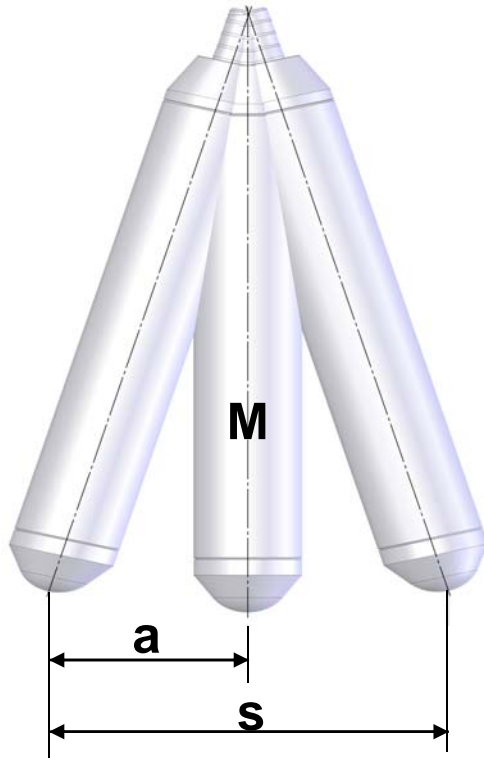
C ; Centrifugal Force (N)

m ; Eccentric Mass (Kgs.)

r ; Eccentric mass center (Mts.)

n ; v.p.m.2

VIBRATION AMPLITUDE



$$a = m \times r / M$$

a; amplitude (single) (mm)

m; Eccentric Mass (Kgs.)

r ; Eccentric mass center (Mts.)

M; Vibrator Mass (Kgs.)

$$s = 2 \times a$$

s; vibration amplitude (mm)