

XVM-A 系列振动电机偏心块重量表

我公司产品设计采用世界知名振动电机制造商VIMARC公司技术，所生产的振动电机产品的功率、激振力不虚标。为方便用户设计及使用时参考，我们附上激振力计算公式和振动电机单块偏心块的重量以方便选型。用户可参照现有产品的偏心块重量选择适用的产品型号。

型号Type	单块偏心块重量(kg)	型号Type	单块偏心块重量(kg)
XVM-A 0.7-2	0.2	XVM-A 32-4	6.3
XVM-A 1.5-2	0.35	XVM-A 40-4	7.5
XVM-A 2.5-2	0.4	XVM-A 50-4	8.9
XVM-A 5-2	0.7	XVM-A 75-4	10.9
XVM-A 8-2	1	XVM-A 100-4	13.6
XVM-A 16-2	1.65	XVM-A 120-4	15.7
XVM-A 20-2	2.35	XVM-A 140-4	17.95
XVM-A 30-2	2.5	XVM-A 160-4	22.75
XVM-A 45-2	3.6	XVM-A 2.5-6	1.9
XVM-A 1.2-4	0.35	XVM-A 5-6	3.35
XVM-A 2.5-4	1	XVM-A 8-6	3.8
XVM-A 5-4	1.9	XVM-A 10-6	4.7
XVM-A 8-4	2.3	XVM-A 16-6	7.5
XVM-A 16-4	3.65	XVM-A 20-6	8.9
XVM-A 25-4	5.4	XVM-A 26-6	11

型号Type	单块偏心块重量(kg)	型号Type	单块偏心块重量(kg)
XVM-A 30-6	11.65	XVM-A 360-6	84.6
XVM-A 40-6	14	XVM-A 400-6	93.6
XVM-A 50-6	17.1	XVM-A 430-6	98.5
XVM-A 75-6	24.1	XVM-A 460-6	104.0
XVM-A 100-6	28.65	XVM-A 5-8	4.5
XVM-A 120-6	35.5	XVM-A 10-8	8.0
XVM-A 125-6	35.9	XVM-A 16-8	11.6
XVM-A 140-6	38.5	XVM-A 20-8	14.0
XVM-A 160-6	40.5	XVM-A 30-8	17.1
XVM-A 180-6	45.25	XVM-A 50-8	24.1
XVM-A 200-6	50.1	XVM-A 75-8	36.0
XVM-A 220-6	61	XVM-A 100-8	40.5
XVM-A 240-6	63.1	XVM-A 140-8	62.5
XVM-A 260-6	61	XVM-A 160-8	71.5
XVM-A 280-6	65.8	XVM-A 180-8	79.6
XVM-A 300-6	70.5	XVM-A 200-8	88.0
XVM-A 320-6	75.2	XVM-A 220-8	95.1
XVM-A 340-6	80	XVM-A 240-8	95.9

计算公式：

激振力 = 偏心块重量 x 偏心距 x 角频率²

例：XVM-A20-6

$(8.9 \times 4) \times 0.0535 \times (3.14 \times 980 / 30)^2 = 20059N$



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