

mm Minnich

CONCRETE VIBRATORS & DOWEL PIN DRILLS

High Cycle Flex Shaft Specs.



Weight	14lbs. (6.4kg)
Amperage	3(115V), 1.5(230V) 3ph 180 cycle
Shafts	2', 5', 7', 10', 14', 21'
Heads	3/4" thru 2-3/8"

Recommended AWG Wire Size for Extension Cords		
Extension Cord Lengths	Rated Amps	3 Amps
		25' (7.6m)
	50' (15.3m)	14ga
	100' (30.5m)	12ga
	150' (45.8m)	10ga
	200' (61.0m)	8ga

Shaft Length	2' (.6m)	5' (1.5m)	7' (2.1m)	10' (3.0m)	14' (4.3m)	21' (6.4m)
7/8" (22.2mm) OD Casing Recommended Head Sizes	3/4", 1", 1-3/8", 1-3/4"	3/4", 1", 1-3/8", 1-3/4"	3/4", 1", 1-3/8", 1-3/4"	3/4", 1", 1-3/8"	3/4", 1"	3/4", 1"
1-3/16" (30.1mm) OD Casing Recommended Head Sizes	1-3/8", 1-3/4", 2", 2-3/8"	1-3/8", 1-3/4", 2", 2-3/8"	1-3/8", 1-3/4", 2", 2-3/8"	1-3/8", 1-3/4", 2", 2-3/8"	1-3/8", 1-3/4", 2", 2-3/8"	1-3/8", 1-3/4", 2", 2-3/8"

Head Diameter	Centrifugal Force	Amplitude	Diameter of Influence
3/4" (19mm)	105lbs. (467N)	.050" (1.27mm)	4"-6" (101mm-152mm)
1" (25mm)	150lbs. (671N)	.056" (1.42mm)	5"-7" (127mm-177mm)
1-3/8" (35mm)	424lbs. (1886N)	.070" (1.77mm)	8"-14" (203mm-355mm)
1-3/4" (45mm)	795lbs. (3536N)	.102" (2.59mm)	16"-20" (406mm-508mm)
2" (50mm)	1000lbs. (4448N)	.090" (2.28mm)	20"-24" (2508mm-609mm)
2-3/8" (60mm)	1186lbs. (5275N)	.092" (2.33mm)	23"-27" (584mm-685mm)

*Specifications are nominal values and will vary depending on the size and range of aggregate, and the slump of the concrete.
Specifications taken at 10,500VPM.*

277 North Main Street
PO Box 367
Mansfield, OH 44902

www.minnich-mfg.com
e-mail: sales@minnich-mfg.com

Phone: 419.524.1000
Toll Free: 800.524.1033
Fax: 419.524.4000