## SPECIFICATIONS

### GLEASON NO. 2A STRAIGHT BEVEL GENERATOR

## CAPACITY

Diametral pitch (Max.)	16
Diametral pitch (Min.) Limited only by smallest	
practical cutter point width.	
Cone Distance	2-1/4"
Workhead Angle	to 90°
Extreme Ratio Any p	ractical ratio
Minimum Ratio for Formate Cutting 3 to	1
Pitch Diameter (max, shafts at 90°):	L - (- II
10 to 1 Ratio (Formate)	4-1/2"
10 to 1 Ratio (Formate)	4
2 to 1 Ratio (Generated)	4"
1 to 1 Ratio (Generated)	3
Face Width (max.)	7/10
Number of teeth Any p	ractical number

## WORK SPINDLE

Diameter of taper	bore,	large	end		0 0	1-17/32"
Taper per foot		0 0 0	0 0 0	0 0 0	0 0	1/2"
Depth of taper						3"
Diameter of hole	throug	h spind	ile	0 0 0	0 0	3/4"
Spindle nose to m	achine	center		0 0 0	0 0	1-1/4" to 5"

# SPEEDS AND FEEDS

Cutter	Speeds		0			0	0	0	0 0	63 to 559 ft/min.
Feeds,	Time per Tooth.	0	•	0	0			0	0 0	0.72 to 24 sec.
	Diameter									

#### DRIVE

One 3/4 H.P., 1800 R.P.M. Motor

### MISCELLANEOUS

Floor Space				0	0	•			0	39-1/2" x 26-1/2"
New Weight										2,850 lbs.
Shipping Weight	for	Export.	0		0	•	0	0		3,450 lbs.

### GLEASON WORKS

ROCHESTER, NEW YORK, U.S.A.