



EXHAUST FLOW RATES, cfm

Wheel dia. inches	Wheel width inches	Good enclosure*	Poor enclosure
Up to 5	1	220	220
5 to 10	1.5	220	300
10 to 14	2	300	500
14 to 16	2	390	610
16 to 20	3	500	740
20 to 24	4	610	880
24 to 30	5	880	1200
30 to 36	6	1200	1600

* No more than 25% of wheel exposed.

Minimum duct velocity = 4000 fpm

$h_e = 0.65 VP_d$ for straight takeoff

$h_e = 0.40 VP_d$ for tapered takeoff



TITLE

GRINDING WHEEL HOOD
SURFACE SPEEDS
BELOW 6500 sfpm

FIGURE

VS-80-11

DATE

02-91