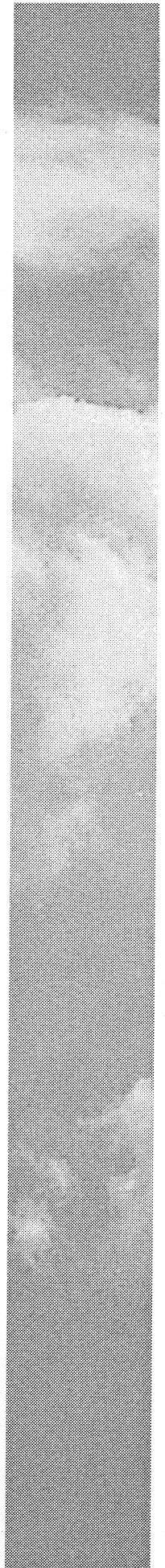
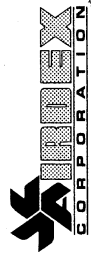
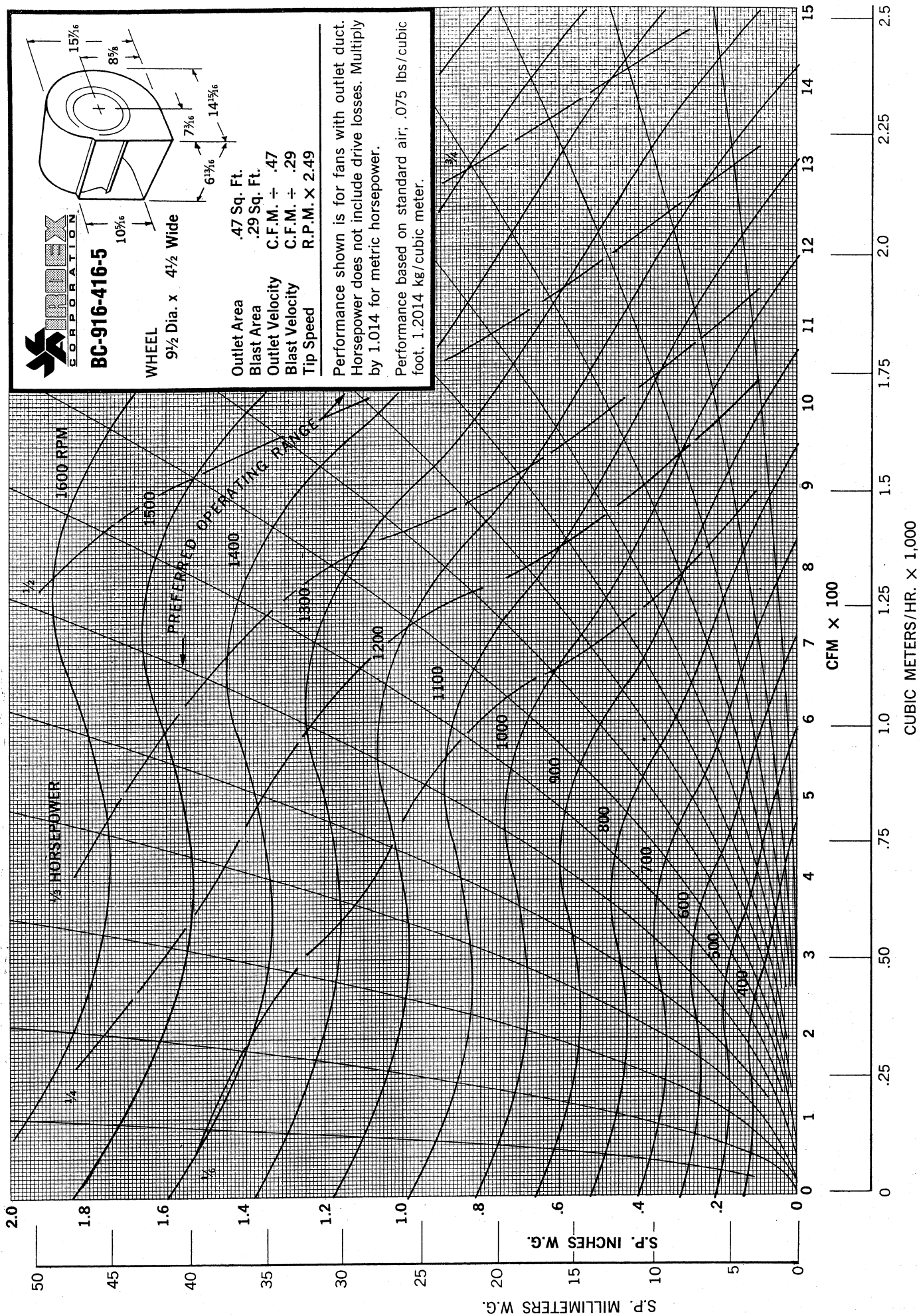




***Belt Drive Blower  
Performance Curves  
BC Series  
(Standard Housing)***

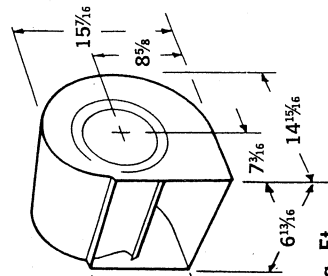




# BC-916-416-5

## WHEEL

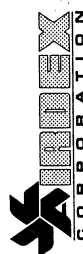
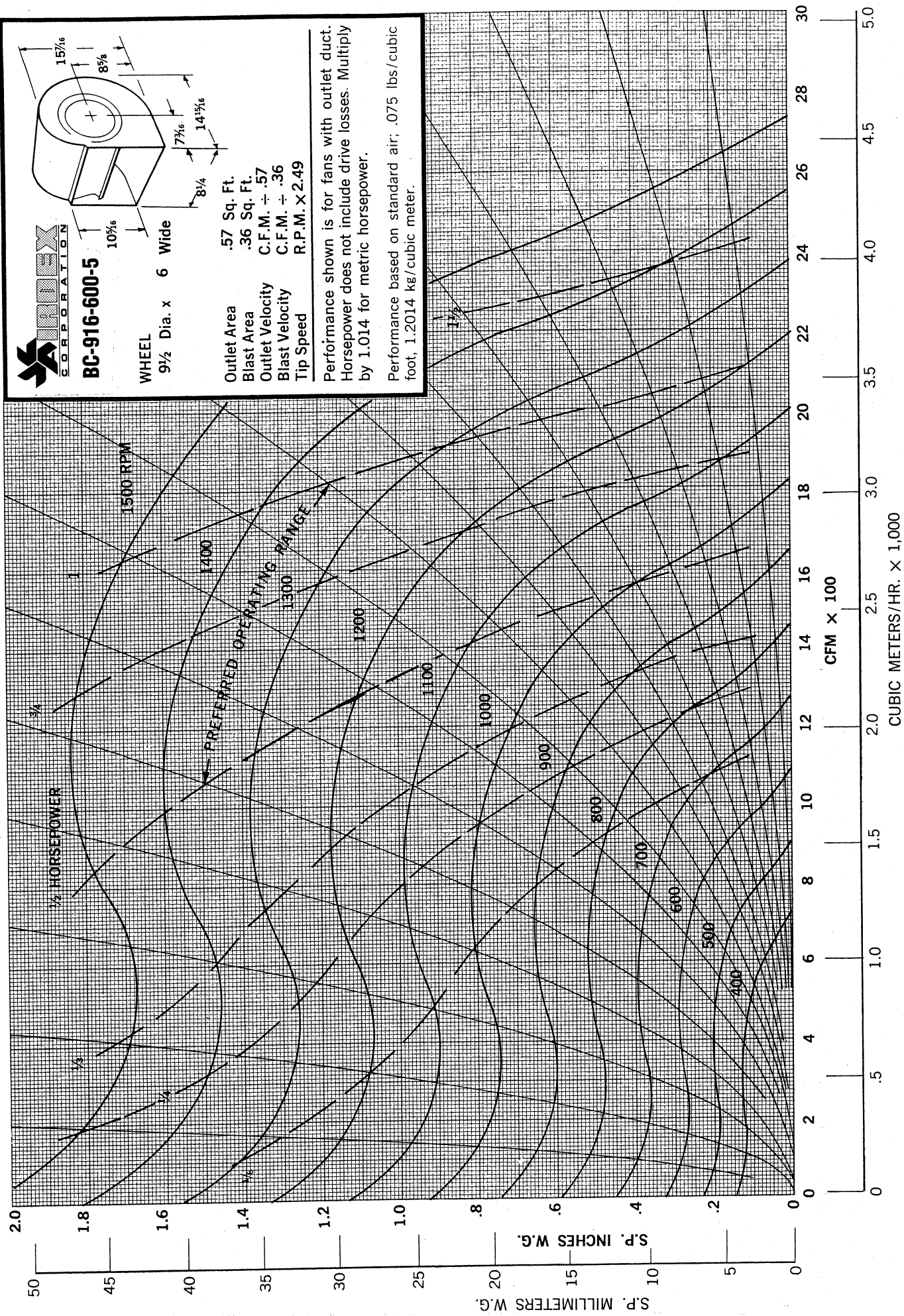
9 1/2 Dia. x 4 1/2 Wide



Outlet Area	.47 Sq. Ft.
Blast Area	.29 Sq. Ft.
Outlet Velocity	C.F.M. ÷ .47
Blast Velocity	C.F.M. ÷ .29
Tip Speed	R.P.M. X 2.49

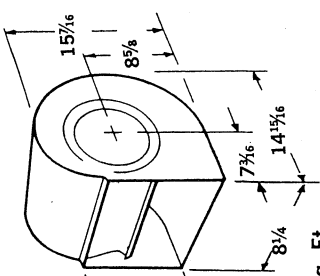
Performance shown is for fans with outlet duct. Horsepower does not include drive losses. Multiply by 1.014 for metric horsepower.

Performance based on standard air; .075 lbs/cubic foot, 1.2014 kg/cubic meter.



# BC-916-600-5

**WHEEL**  
9 1/2 Dia. x 6 Wide

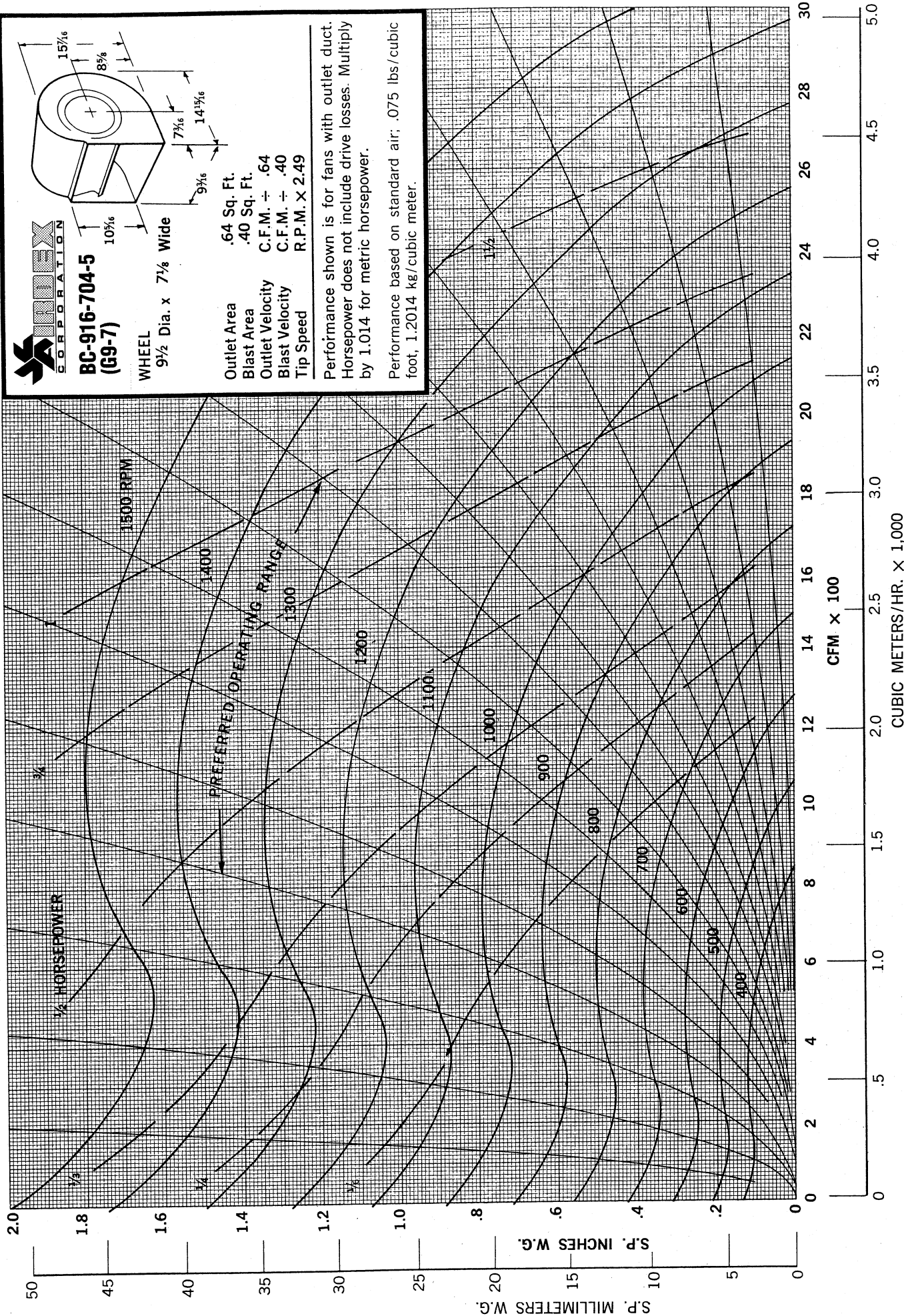


- Outlet Area .57 Sq. Ft.
- Blast Area .36 Sq. Ft.
- Outlet Velocity C.F.M. ÷ .57
- Blast Velocity C.F.M. ÷ .36
- Tip Speed R.P.M. X 2.49

Performance shown is for fans with outlet duct. Horsepower does not include drive losses. Multiply by 1.014 for metric horsepower.

Performance based on standard air: .075 lbs/cubic foot, 1.2014 kg/cubic meter.

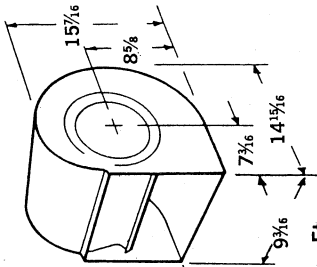




# **BC-916-704-5 (G9-7)**

## **WHEEL**

9 1/2 Dia. x 7 1/8 Wide

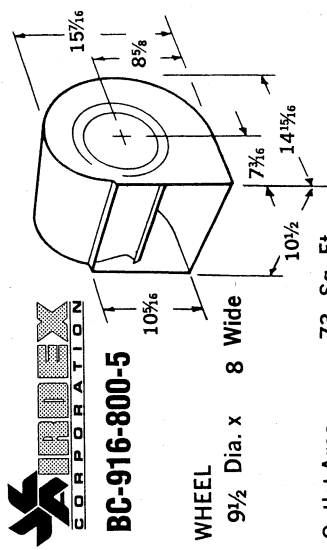
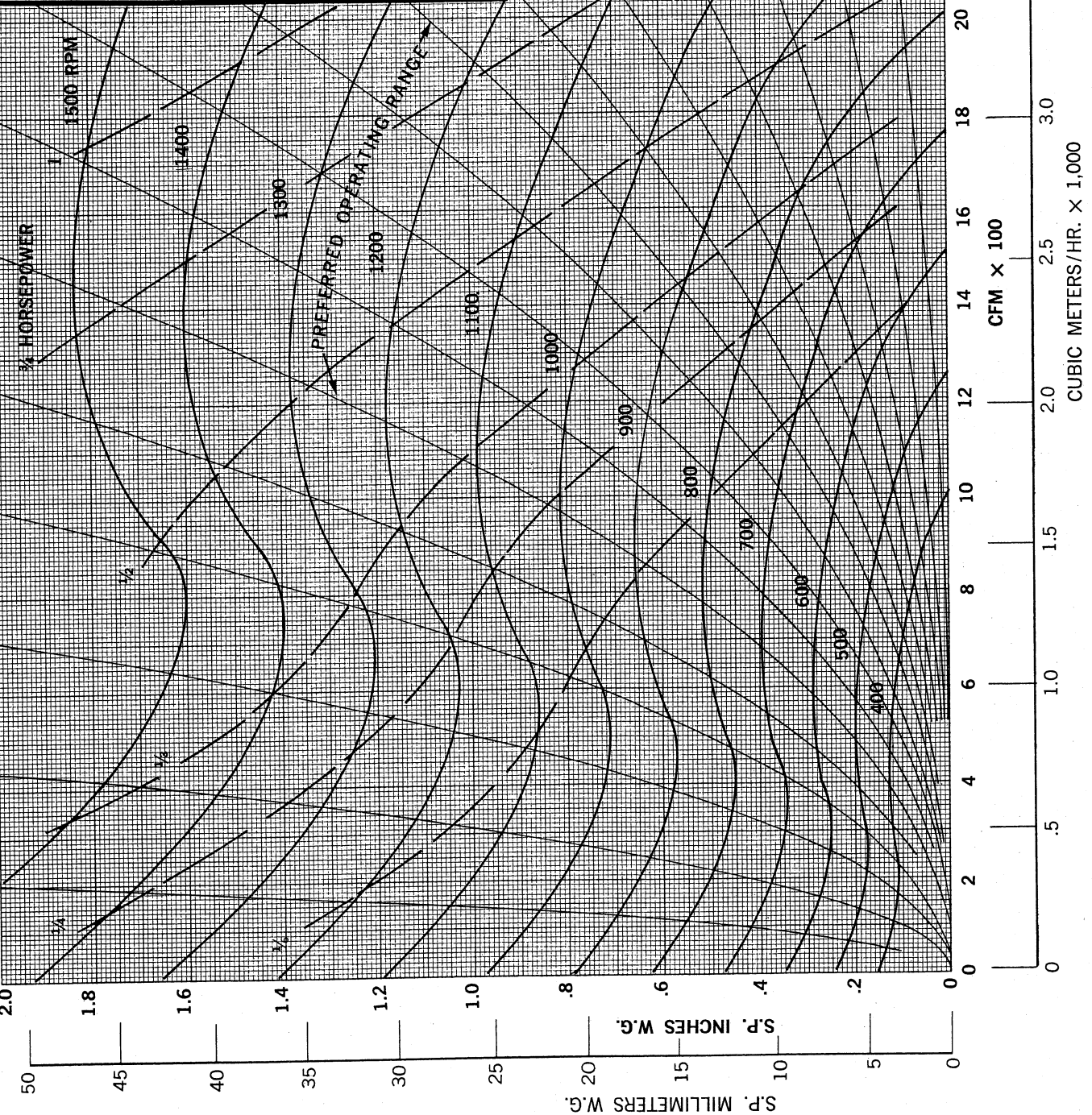


Outlet Area	.64 Sq. Ft.
Blast Area	.40 Sq. Ft.
Outlet Velocity	C.F.M. ÷ .64
Blast Velocity	C.F.M. ÷ .40
Tip Speed	R.P.M. X 2.49

Performance shown is for fans with outlet duct.  
Horsepower does not include drive losses. Multiply by 1.014 for metric horsepower.

Performance based on standard air: .075 lbs./cubic foot, 1.2014 kg./cubic meter.





**INDEX**  
CORPORATION

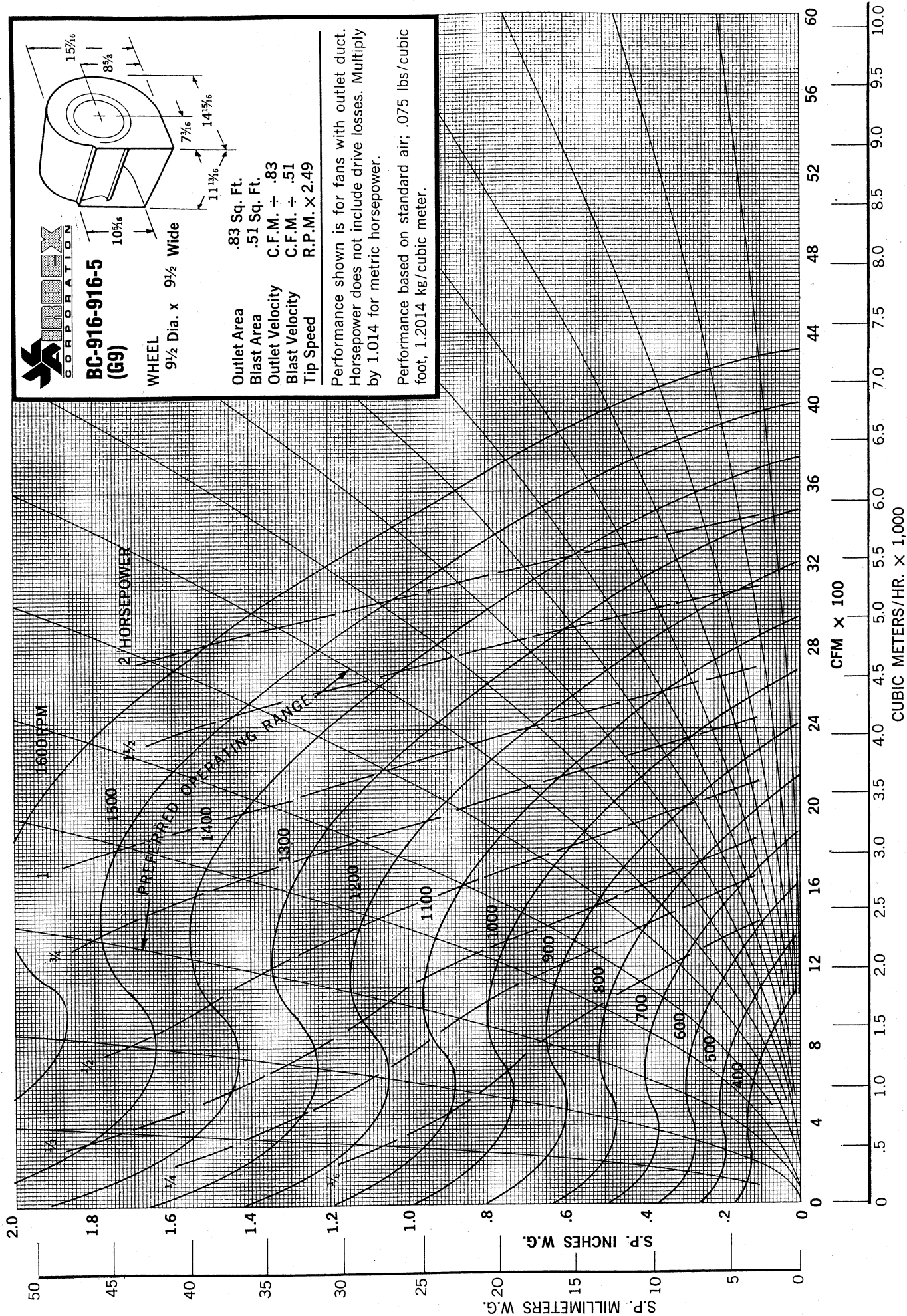
**BC-916-800-5**

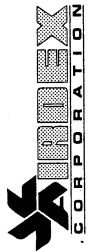
**WHEEL**  
9 1/2 Dia. x 8 Wide

Outlet Area	.73 Sq. Ft.
Blast Area	.45 Sq. Ft.
Outlet Velocity	C.F.M. ÷ .73
Blast Velocity	C.F.M. ÷ .45
Tip Speed	R.P.M. X 2.49

Performance shown is for fans with outlet duct.  
Horsepower does not include drive losses. Multiply  
by 1.014 for metric horsepower.

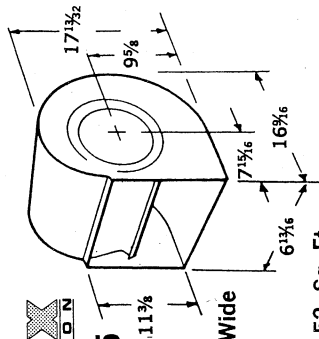
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foot, 1.2014 kg/cubic meter.





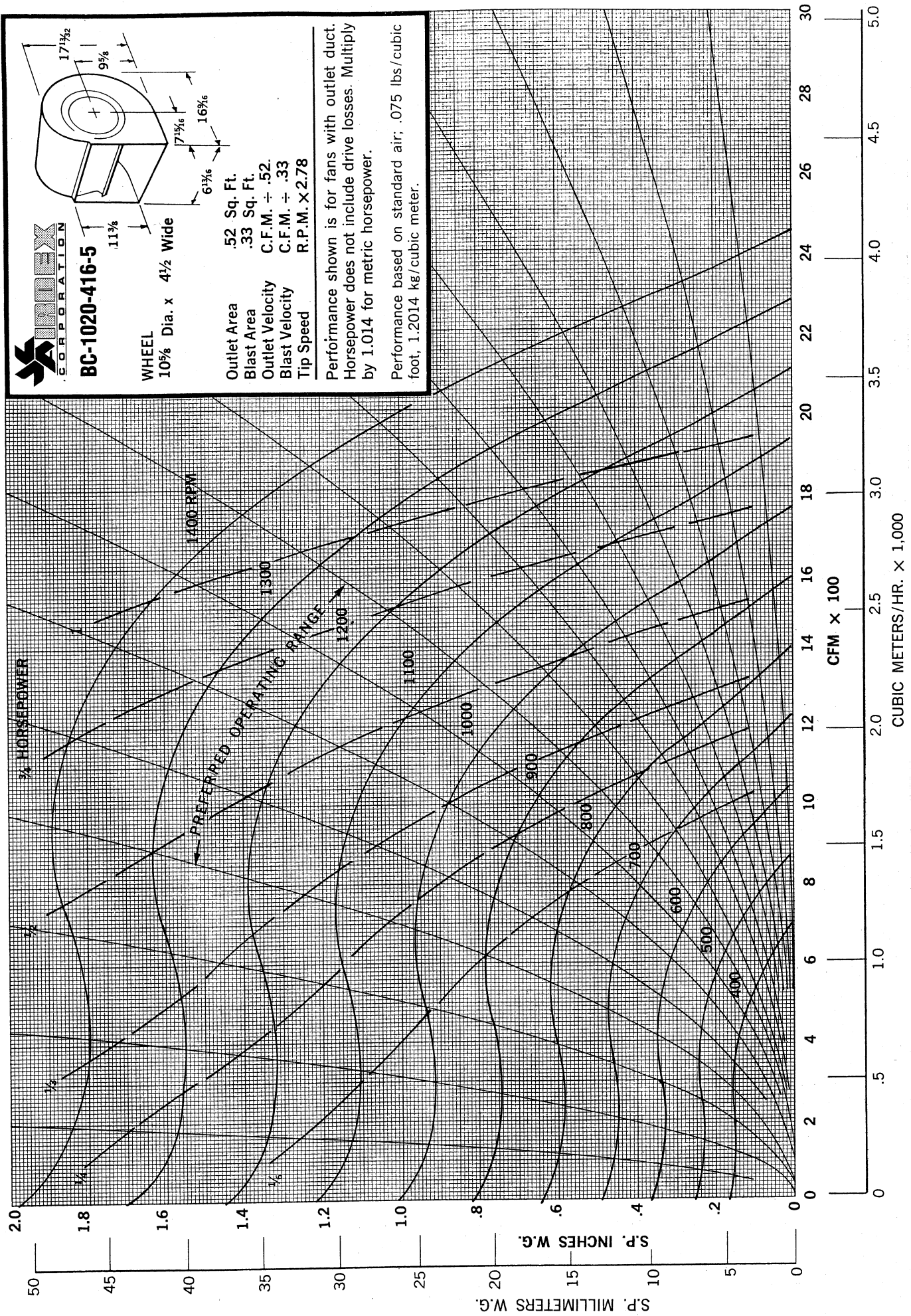
# BC-1020-416-5

WHEEL  
10% Dia. x 4 1/2 Wide

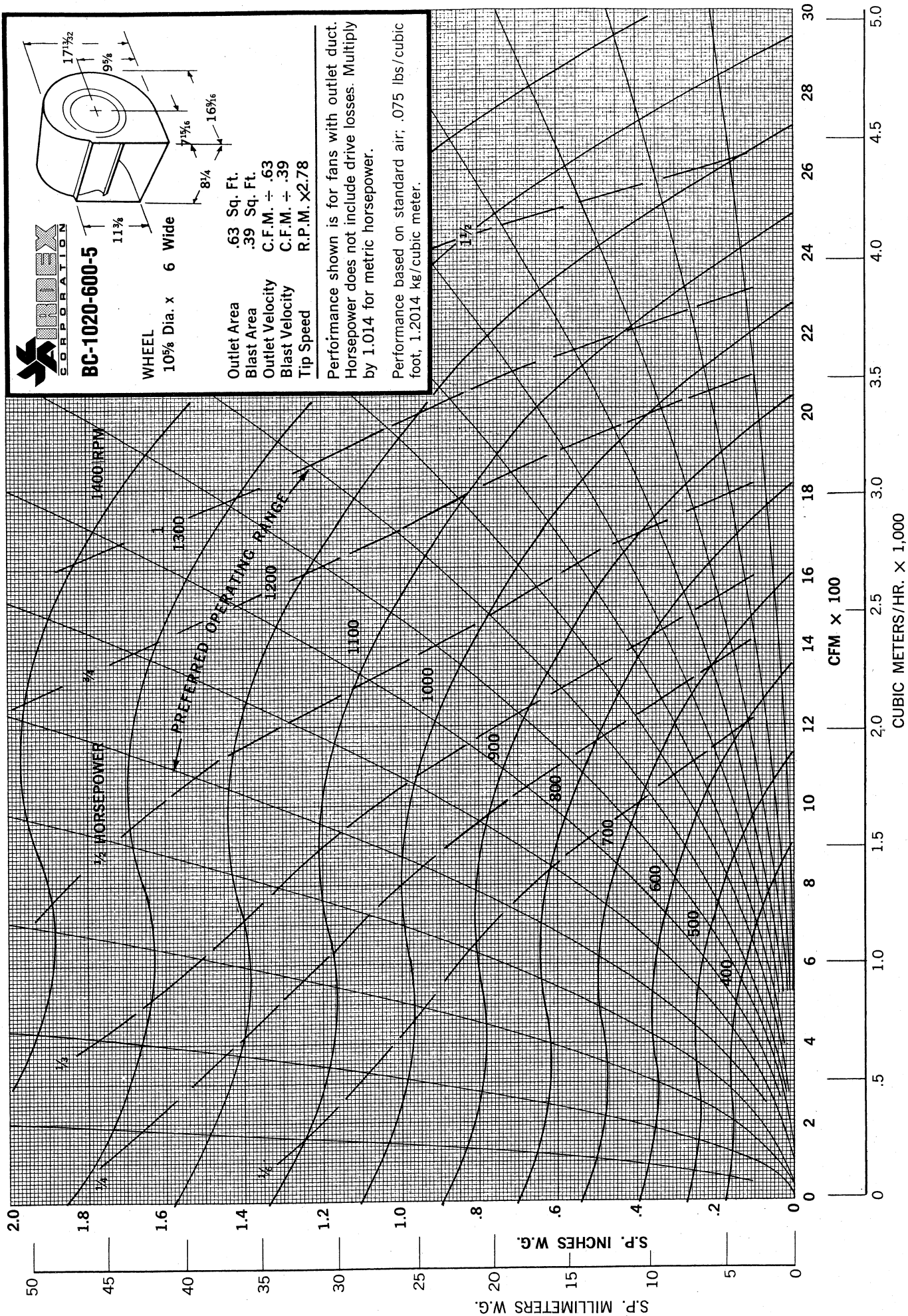


- Outlet Area .52 Sq. Ft.
- Blast Area .33 Sq. Ft.
- Outlet Velocity C.F.M. ÷ .52
- Blast Velocity C.F.M. ÷ .33
- Tip Speed R.P.M. X 2.78

Performance shown is for fans with outlet duct.  
Horsepower does not include drive losses. Multiply by 1.014 for metric horsepower.  
Performance based on standard air; .075 lbs/cubic foot, 1.2014 kg/cubic meter.



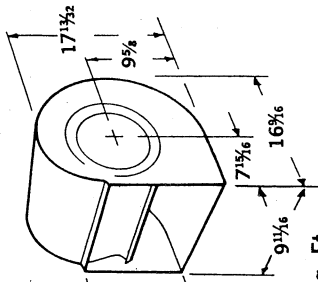






**BC-1020-704-5**

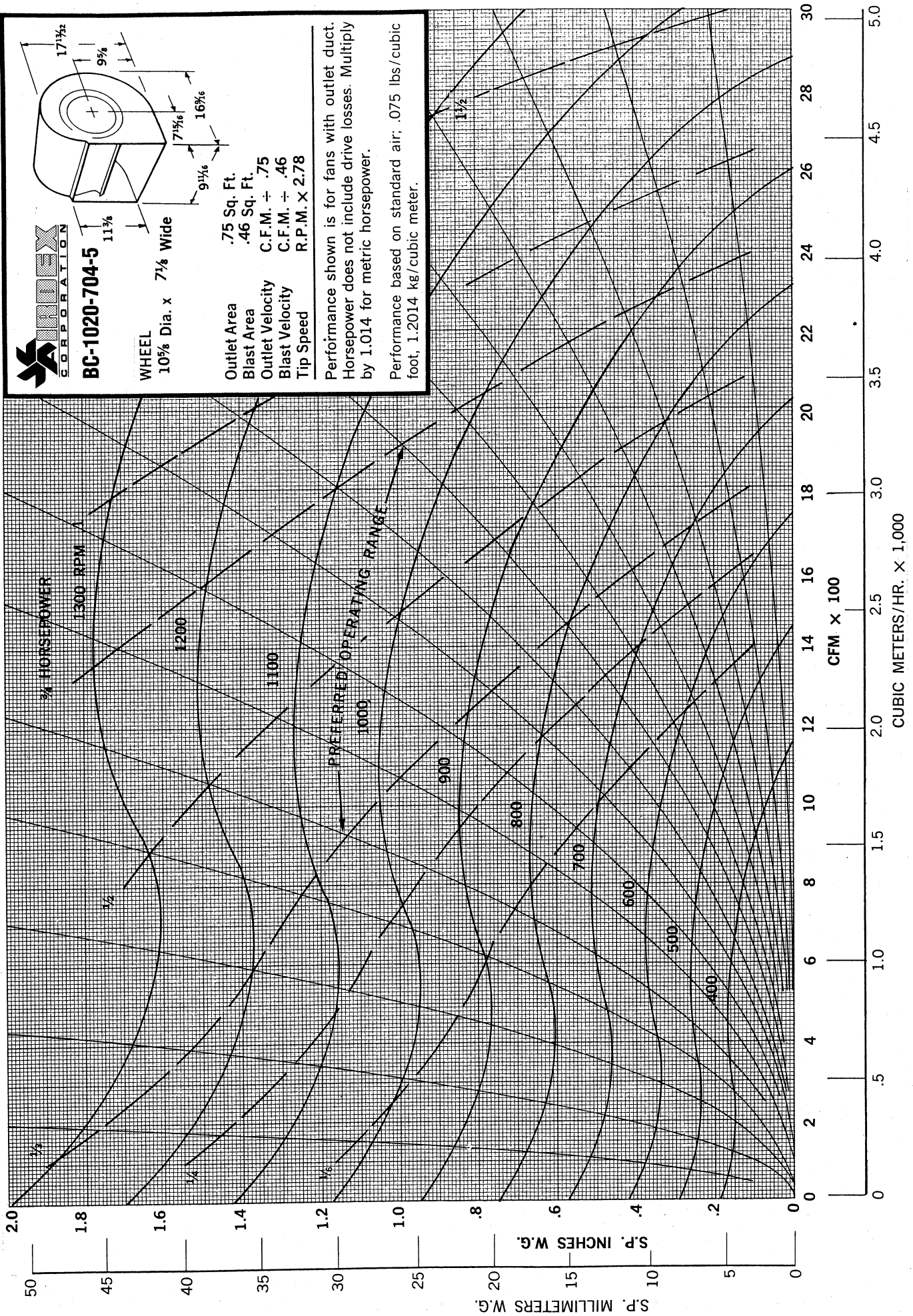
**WHEEL**  
10<sup>5</sup>/<sub>8</sub> Dia. x 7<sup>1</sup>/<sub>8</sub> Wide

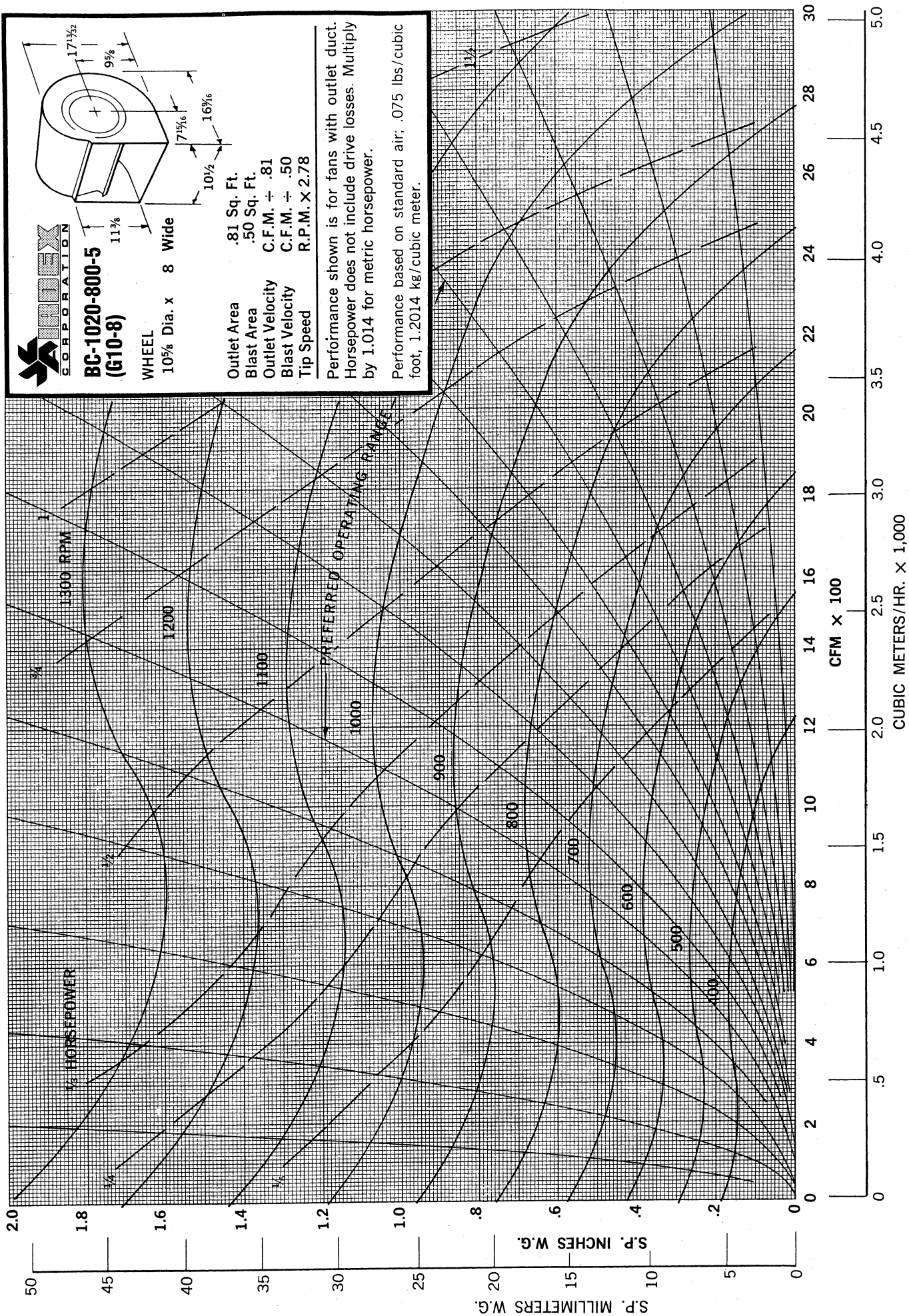


Outlet Area	.75 Sq. Ft.
Blast Area	.46 Sq. Ft.
Outlet Velocity	C.F.M. ÷ .75
Blast Velocity	C.F.M. ÷ .46
Tip Speed	R.P.M. x 2.78

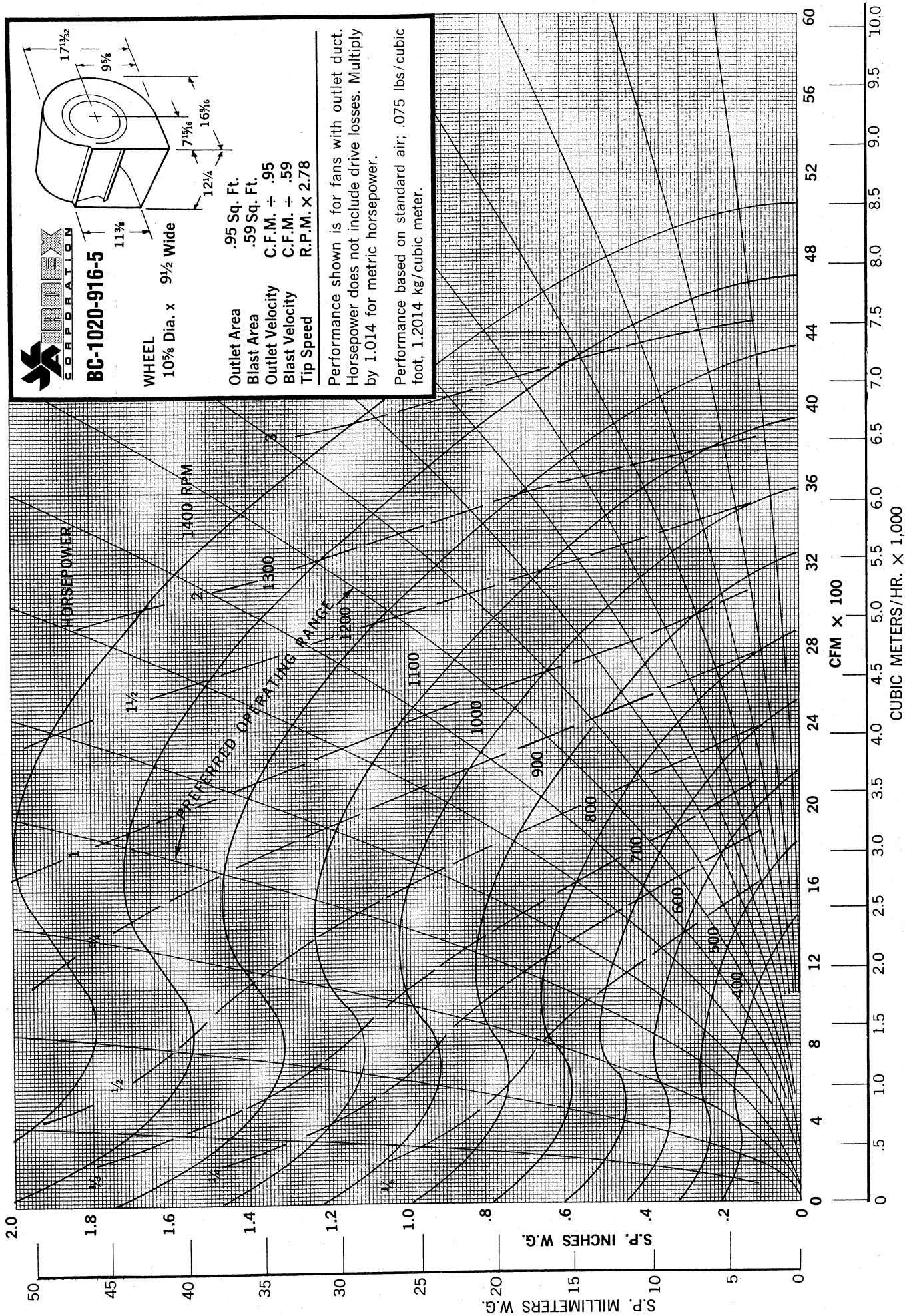
Performance shown is for fans with outlet duct.  
Horsepower does not include drive losses. Multiply  
by 1.014 for metric horsepower.

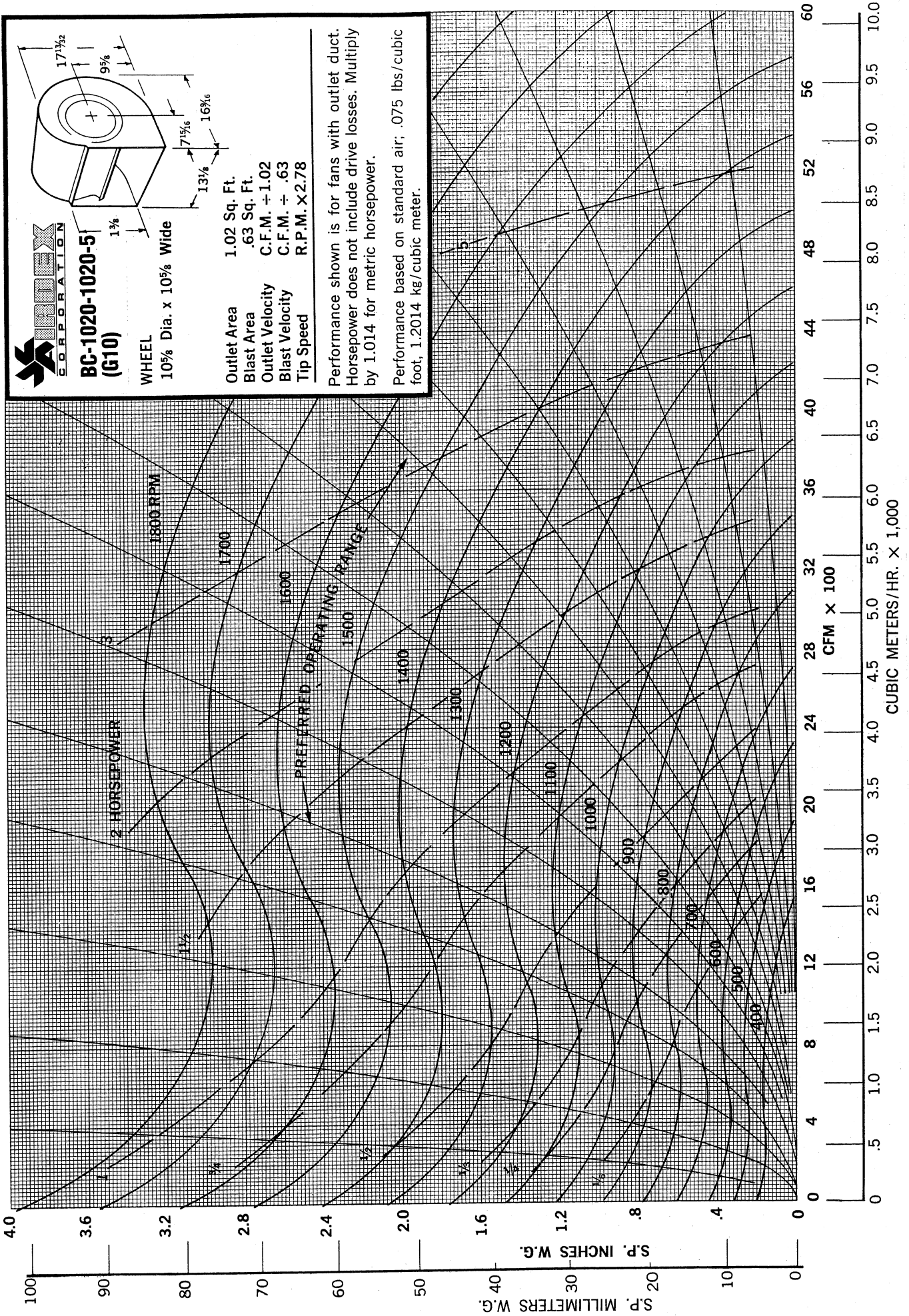
Performance based on standard air; .075 lbs/cubic  
foot, 1.2014 kg/cubic meter.

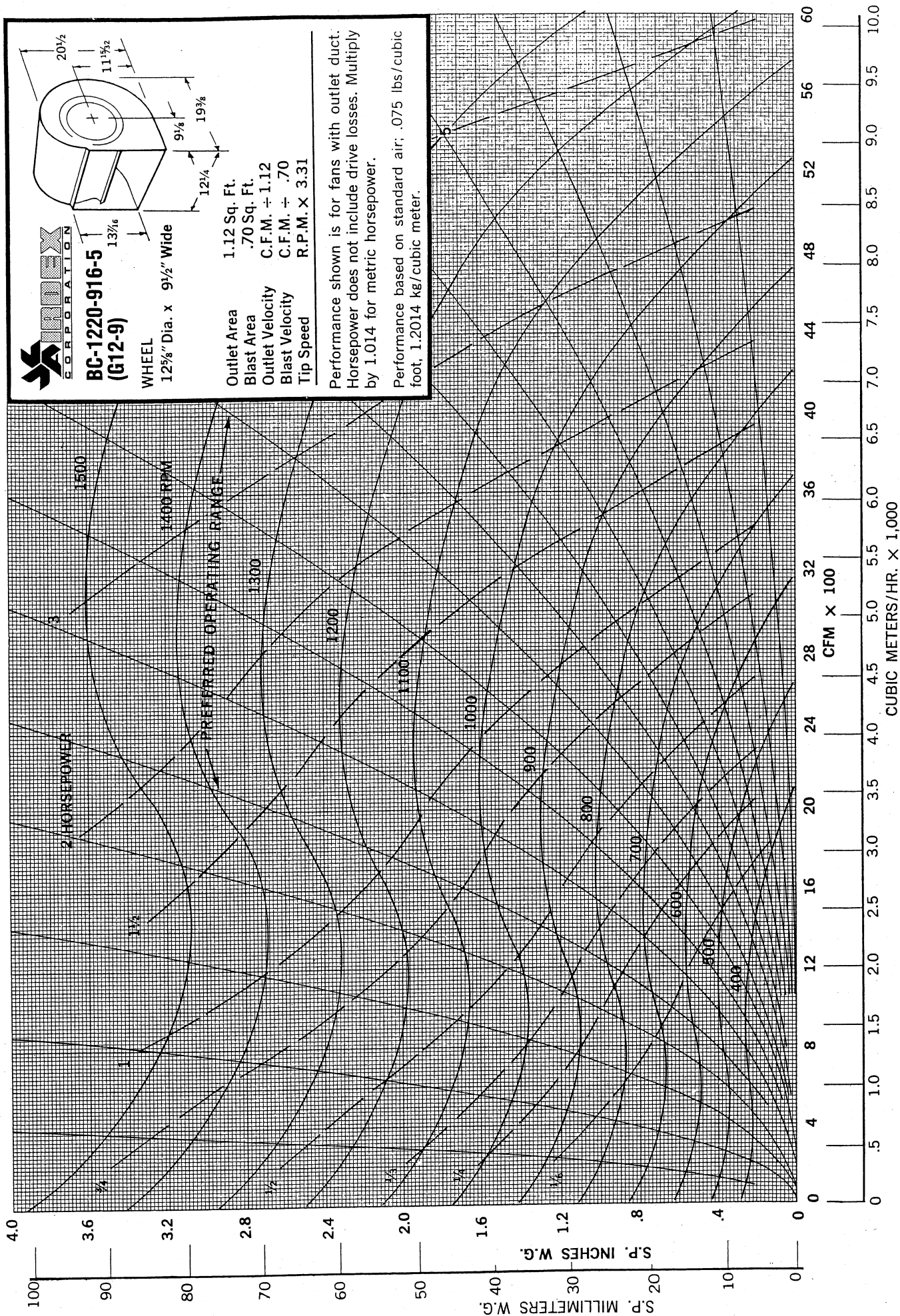




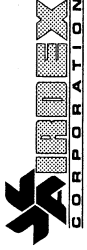






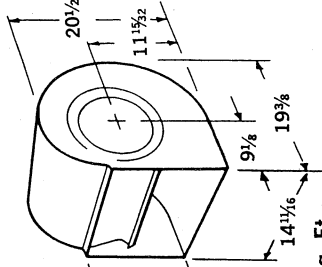






**BC-1220-1104-5**

**WHEEL**  
12 5/8" Dia. x 11 1/8" Wide



Outlet Area 1.34 Sq. Ft.  
Blast Area .85 Sq. Ft.  
Outlet Velocity C.F.M. ÷ 1.34  
Blast Velocity C.F.M. ÷ .85  
Tip Speed R.P.M. X 3.31

Performance shown is for fans with outlet duct.  
Horsepower does not include drive losses. Multiply  
by 1.014 for metric horsepower.

Performance based on standard air; .075 lbs/cubic  
foot, 1.2014 kg/cubic meter.

