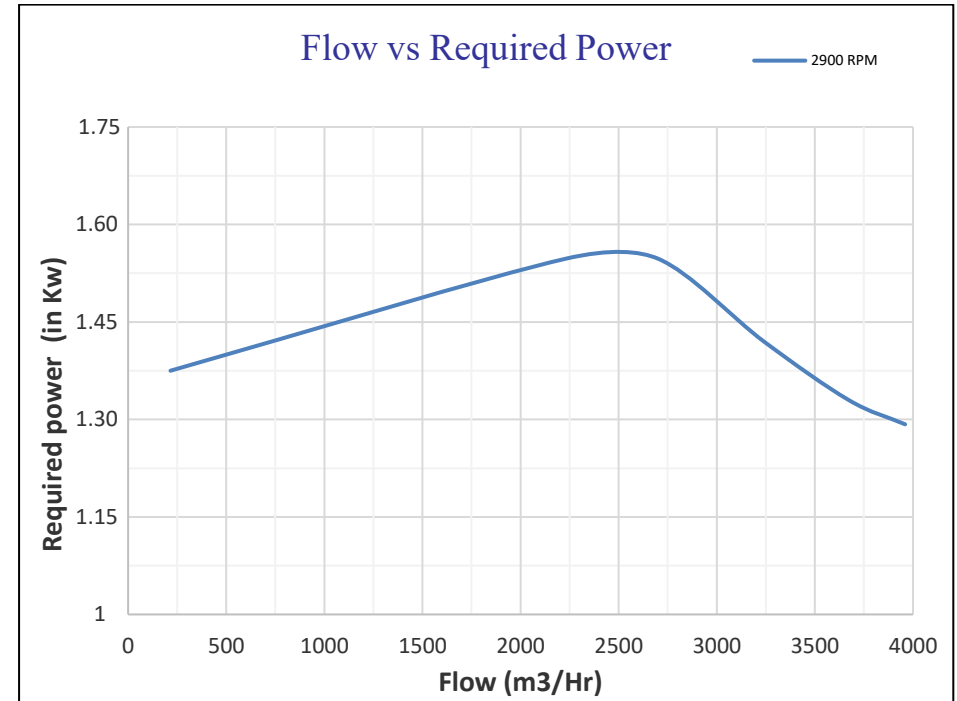
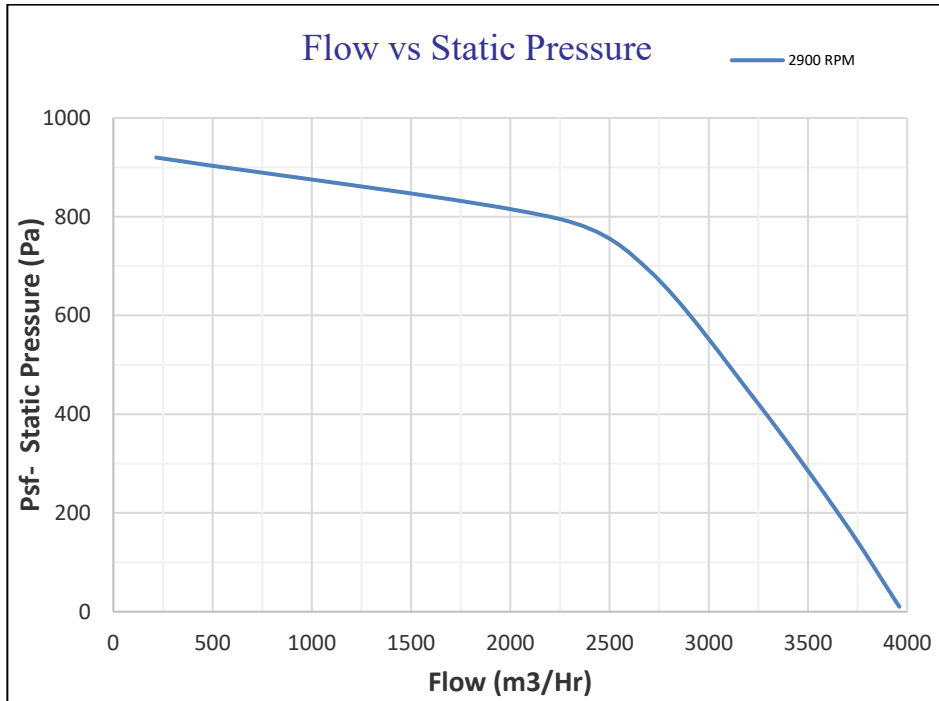


# Fan Performance Report

**Kumaran Industries**

44 A, Industrial Area, Govindpura, Bhopal, MP,  
India  
Phone: +91 755 4261969  
Email: sales@kumaranindustries.com



$P_{sa} = P_{sf} - P_{d2}$	Available Pressure = Static Pressure – ducted (Depends on the casing efficiency)
$P_{sa} = P_{sf}$	Available Pressure = Static Pressure (Free discharge)

RPM	Maximum sound Power level in dB(A)
2900	84

Reference No.	RPM	No of Blades	Mass (in Kgs)	Moment of Inertia [kgm <sup>2</sup> ]	Construction Class	Balancing Grade	Density $\rho$ [kg/m <sup>3</sup> ]
BC-310-2	2900	9	5.2	0.05	A	G2.5	1.2

All Dimensions are in mm

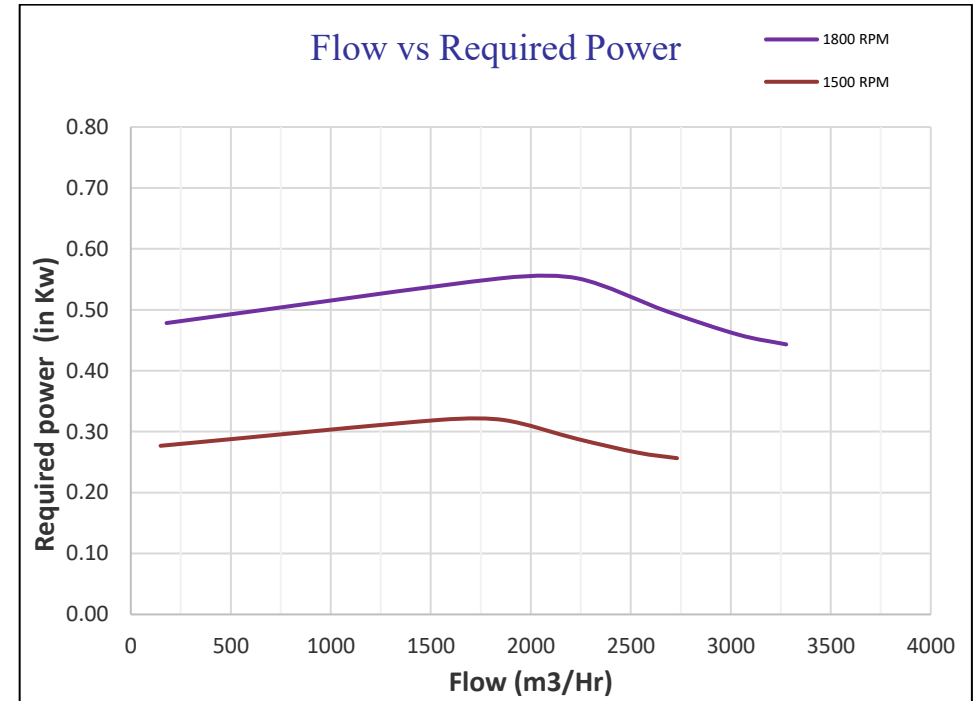
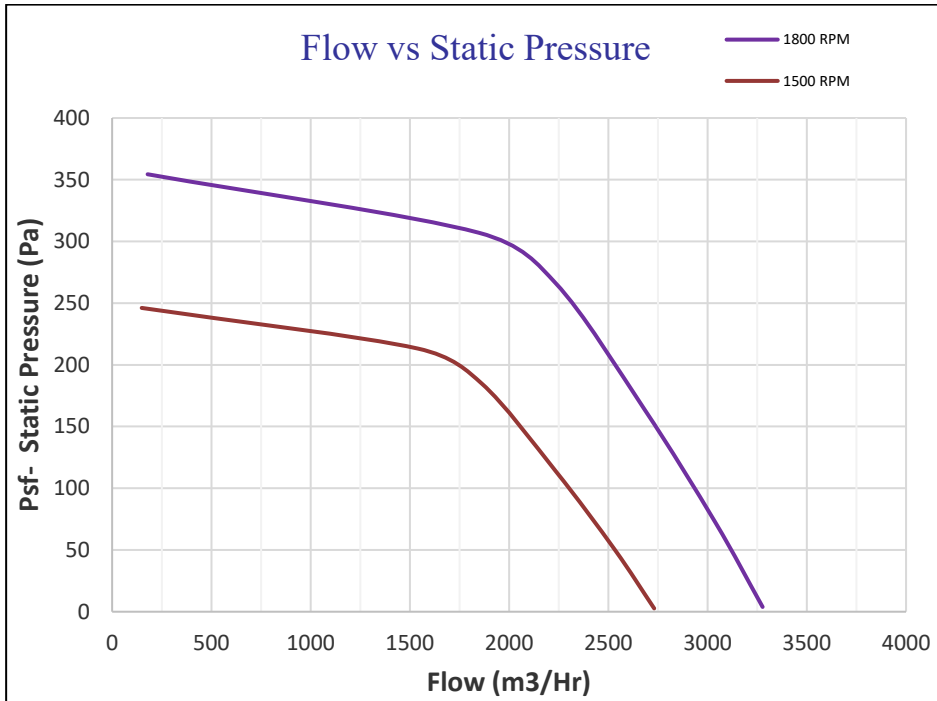
Ref. No.	A	B	C	D
BC-310-2	310	202	-	180

For additional information, ask our technical team with the reference number.

# Fan Performance Report

**Kumaran Industries**

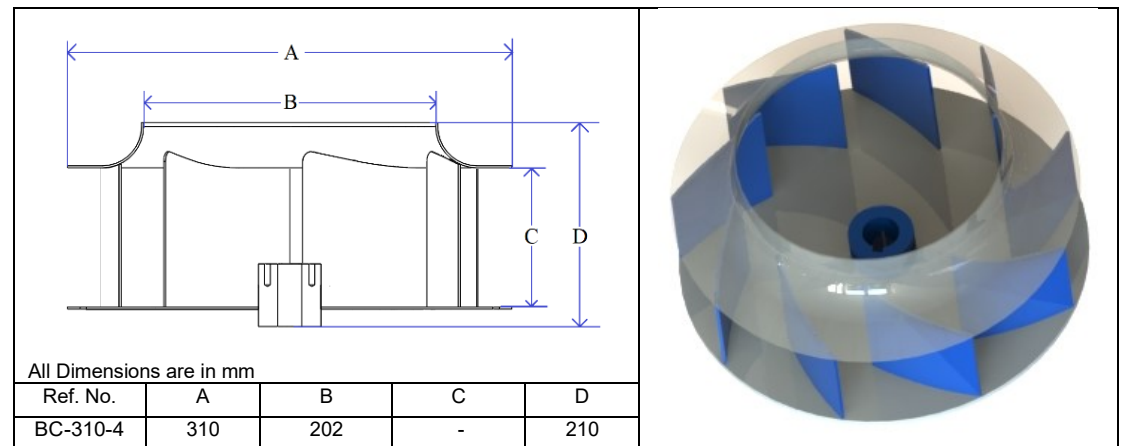
44 A, Industrial Area, Govindpura, Bhopal, MP,  
India  
Phone: +91 755 4261969  
Email: sales@kumaranindustries.com



$P_{sa} = P_{st} - P_{d2}$	Available Pressure = Static Pressure – ducted (Depends on the casing efficiency)
$P_{sa} = P_{st}$	Available Pressure = Static Pressure (Free discharge)

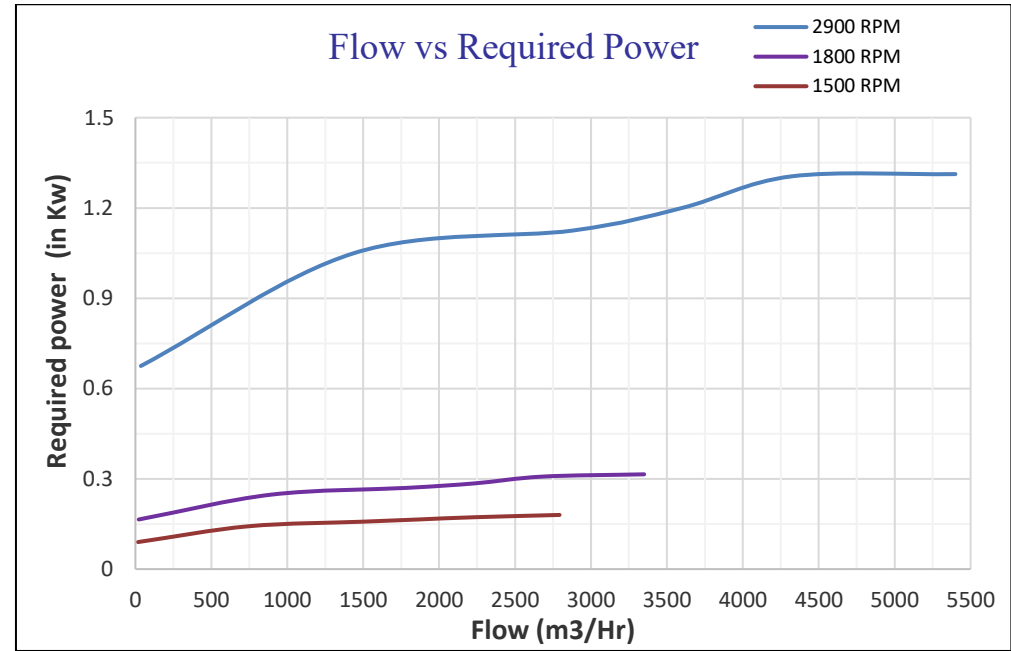
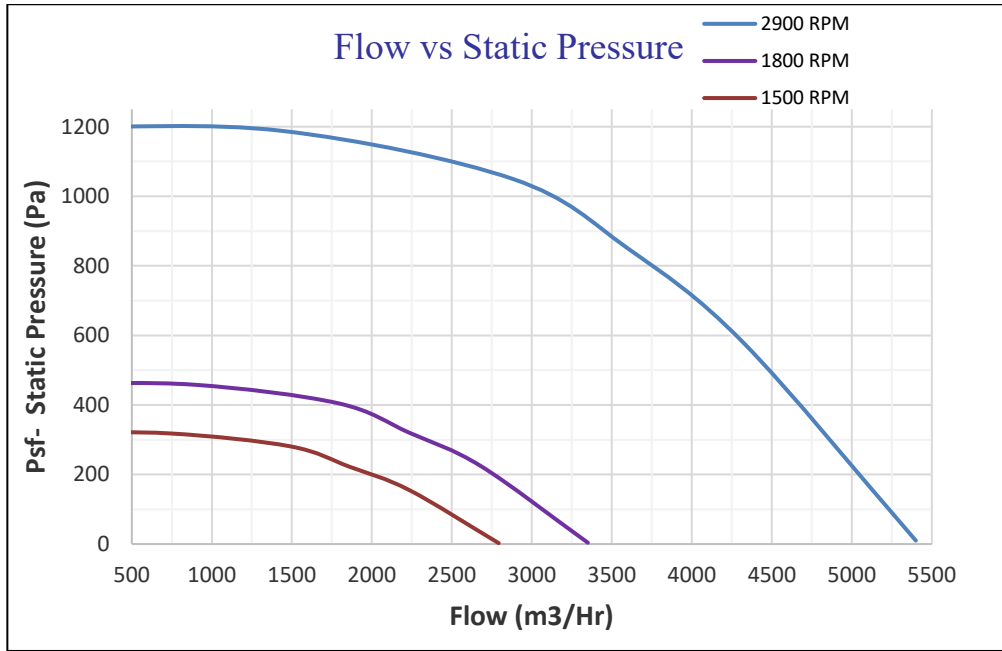
RPM	Maximum sound Power level in dB(A)
1800	82
1500	80

Reference No.	RPM	No of Blades	Mass (in Kgs)	Moment of Inertia [kgm <sup>2</sup> ]	Construction Class	Balancing Grade	Density $\rho$ [kg/m <sup>3</sup> ]
BC-310-4	1800	9	5.3	0.06	B	G2.5	1.2
	1500	9	5.3	0.06	B	G2.5	1.2



For additional information, ask our technical team with the reference number.

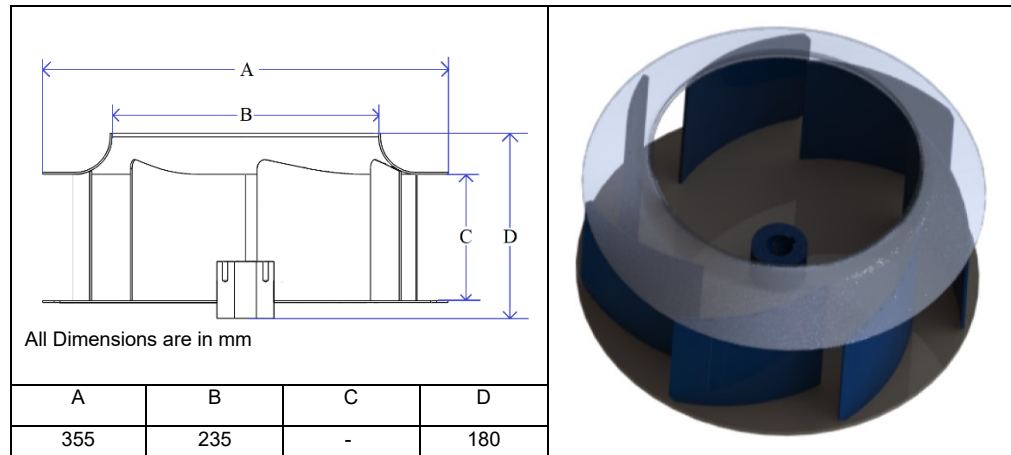
# Fan Performance Report



RPM	Maximum sound Power level in dB(A)
2900	85
1800	82
1500	81

$P_{sa} = P_{sf} - P_{d2}$	Available Pressure = Static Pressure – ducted (Depends on the casing efficiency)
$P_{sa} = P_{sf} - f_{pd} \times P_{d2}$	Available Pressure = Static Pressure – Free discharge

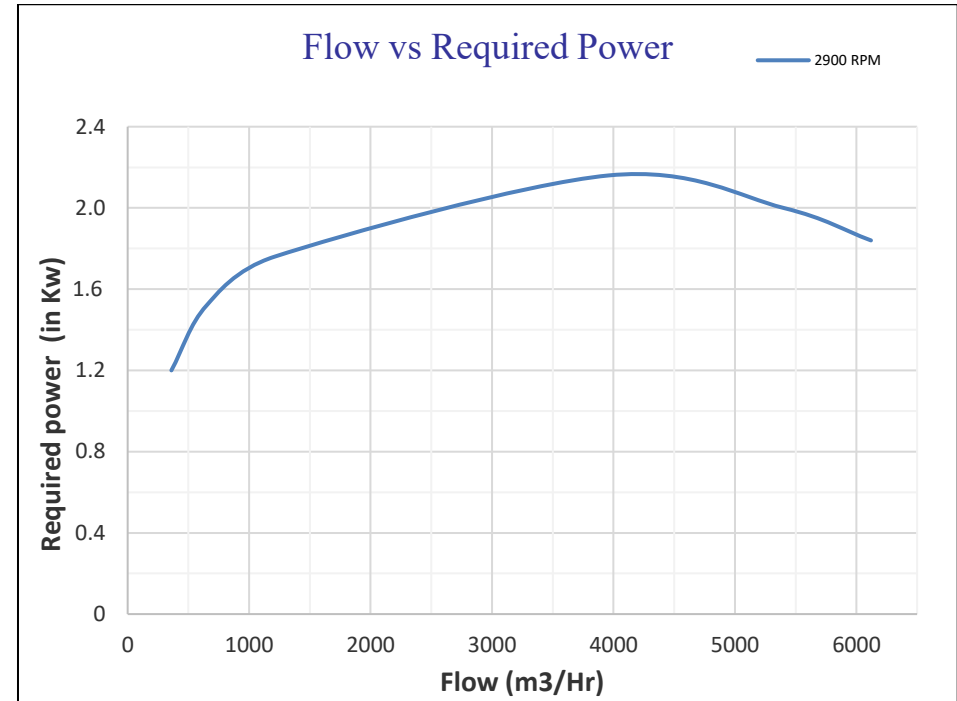
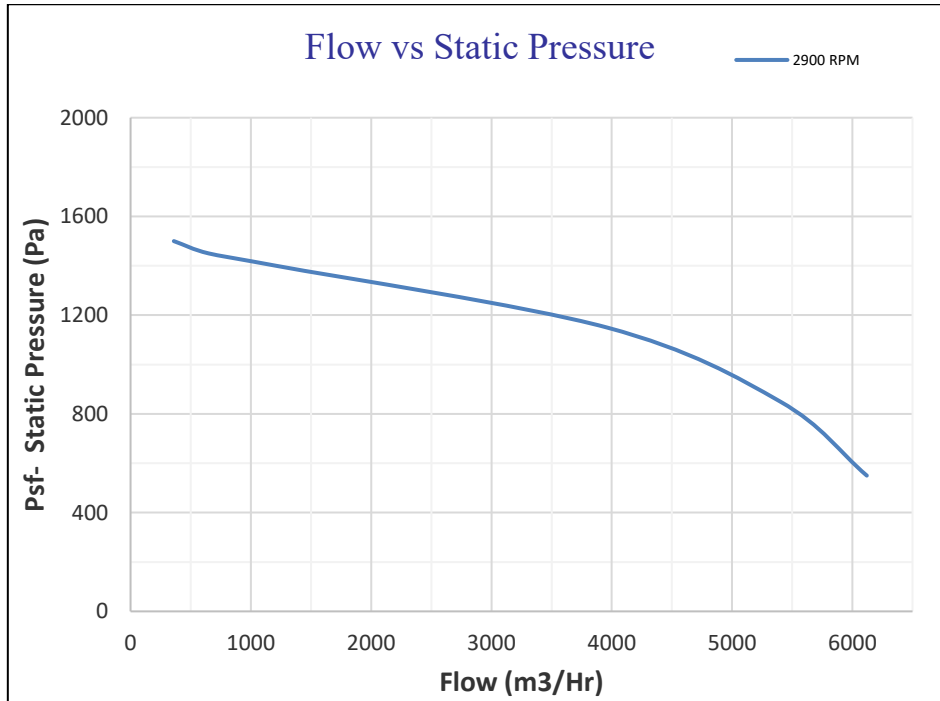
Reference No.	Material of Construction	No of Blades	Mass (in Kgs)	Moment of Inertia [kgm <sup>2</sup> ]	Constructi on Class	Balancing Grade	Density ρ [kg/m <sup>3</sup> ]
BC/355/100	Carbon Steel	6	9	0.16	III	G2.5	1.205



For additional information, ask our technical team with the reference number.

# Fan Performance Report

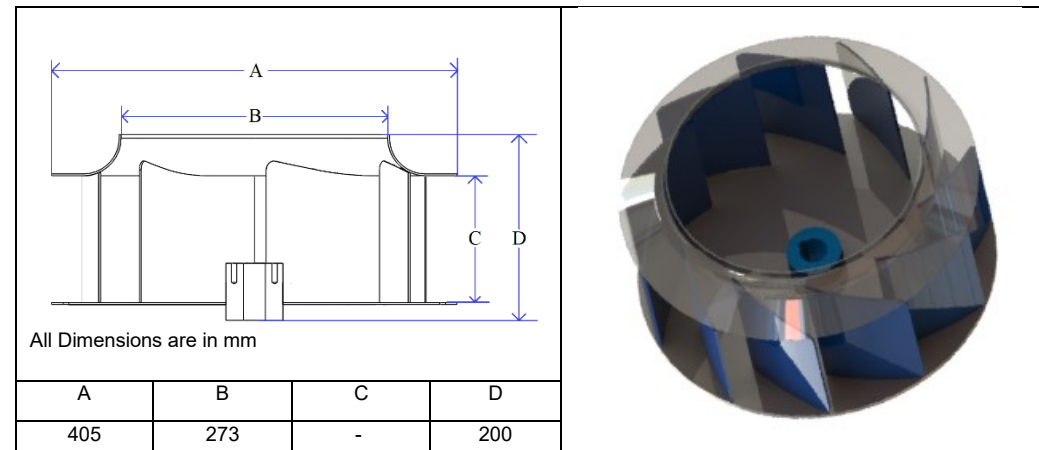
**Kumaran Industries**  
 44 A, Industrial Area, Govindpura,  
 Bhopal, MP, India  
 Phone: +91 755 4261969  
 Email: sales@kumaranindustries.com



RPM	Maximum sound Power level in dB(A)
2900	86

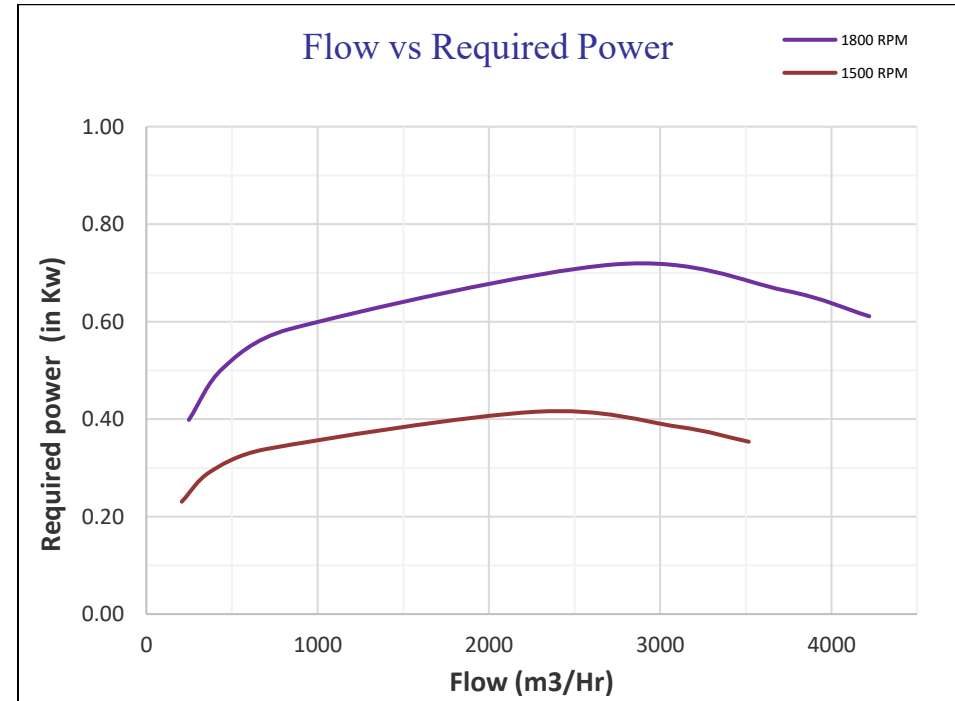
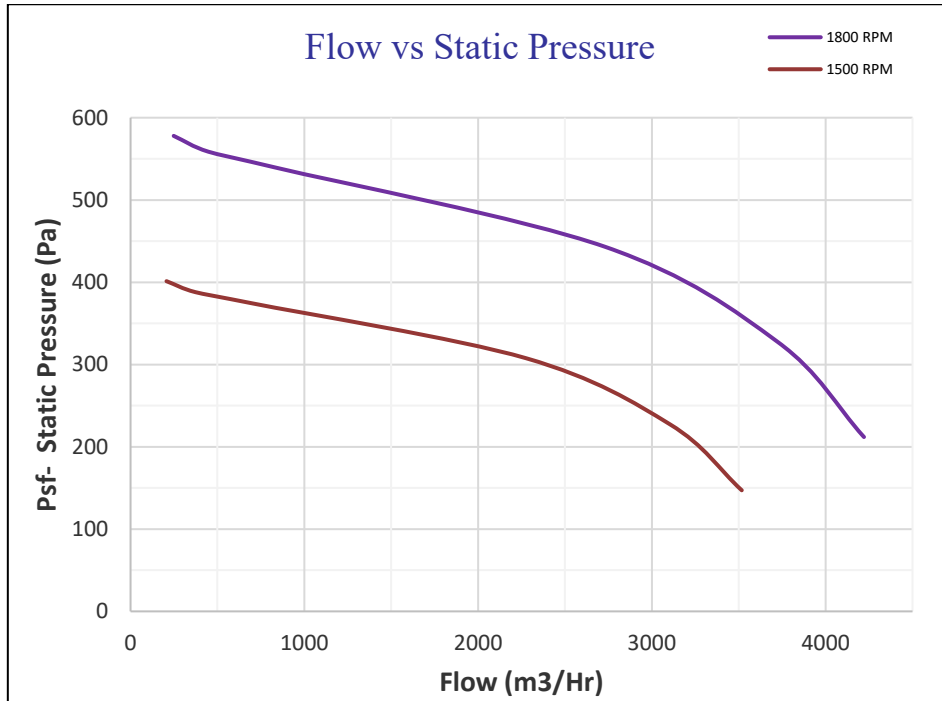
$P_{sa} = P_{sf} - P_{d2}$	Available Pressure = Static Pressure – ducted (Depends on the casing efficiency)
$P_{sa} = P_{sf} - f_{pd} \times P_{d2}$	Available Pressure = Static Pressure – Free discharge

Reference No.	Material of Construction	No of Blades	Mass (in Kgs)	Moment of Inertia [kgm <sup>2</sup> ]	Construction Class	Balancing Grade	Density $\rho$ [kg/m <sup>3</sup> ]
BC-405-2P	Carbon Steel	09	12.5	0.29	III	G2.5	1.205



For additional information, ask our technical team with the reference number.

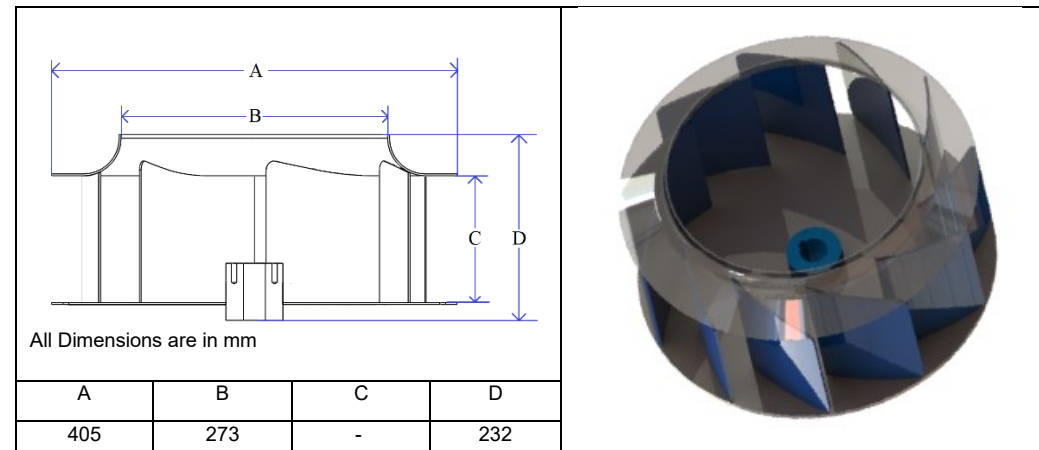
# Fan Performance Report



RPM	Maximum sound Power level in dB(A)
1800	84
1500	82

$P_{sa} = P_{sf} - P_{d2}$	Available Pressure = Static Pressure – ducted (Depends on the casing efficiency)
$P_{sa} = P_{sf} - f_{pd} \times P_{d2}$	Available Pressure = Static Pressure – Free discharge

Reference No.	Material of Construction	No of Blades	Mass (in Kgs)	Moment of Inertia [kgm <sup>2</sup> ]	Constructi on Class	Balancing Grade	Density $\rho$ [kg/m <sup>3</sup> ]
BC-405-4P	Carbon Steel	09	15	0.3	III	G2.5	1.205

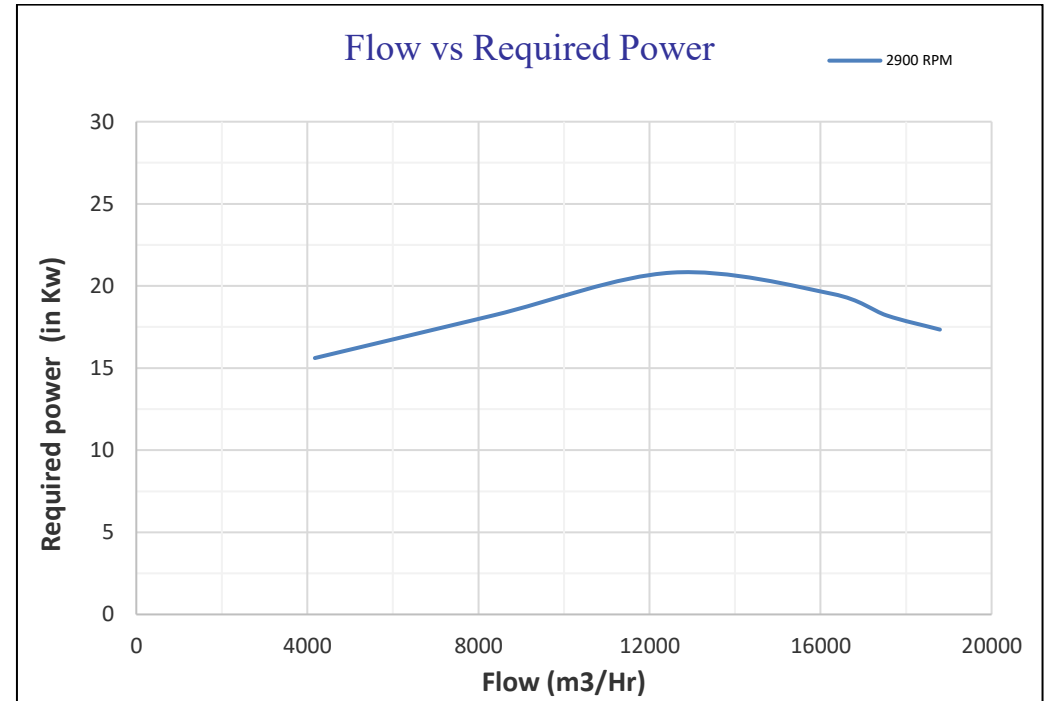
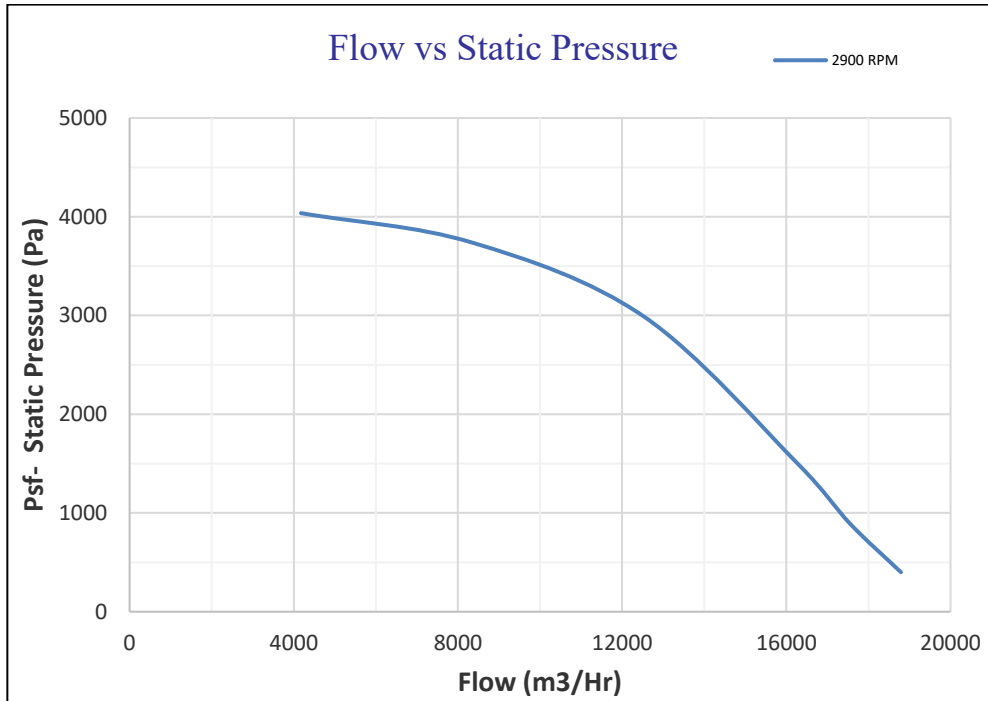


For additional information, ask our technical team with the reference number.

# Fan Performance Report

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44 A, Industrial Area, Govindpura, Bhopal, MP,  
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$P_{sa} = P_{sf}$	Available Pressure = Static Pressure (Free discharge)

RPM	Maximum sound Power level in dB(A)
2900	84

Reference No.	RPM	No of Blades	Mass (in Kgs)	Moment of Inertia [kgm <sup>2</sup> ]	Construction Class	Balancing Grade	Density $\rho$ [kg/m <sup>3</sup> ]
BC-630-2	2900	6	21.4	1.05	C	G2.5	1.2

For additional information, ask our technical team with the reference number.

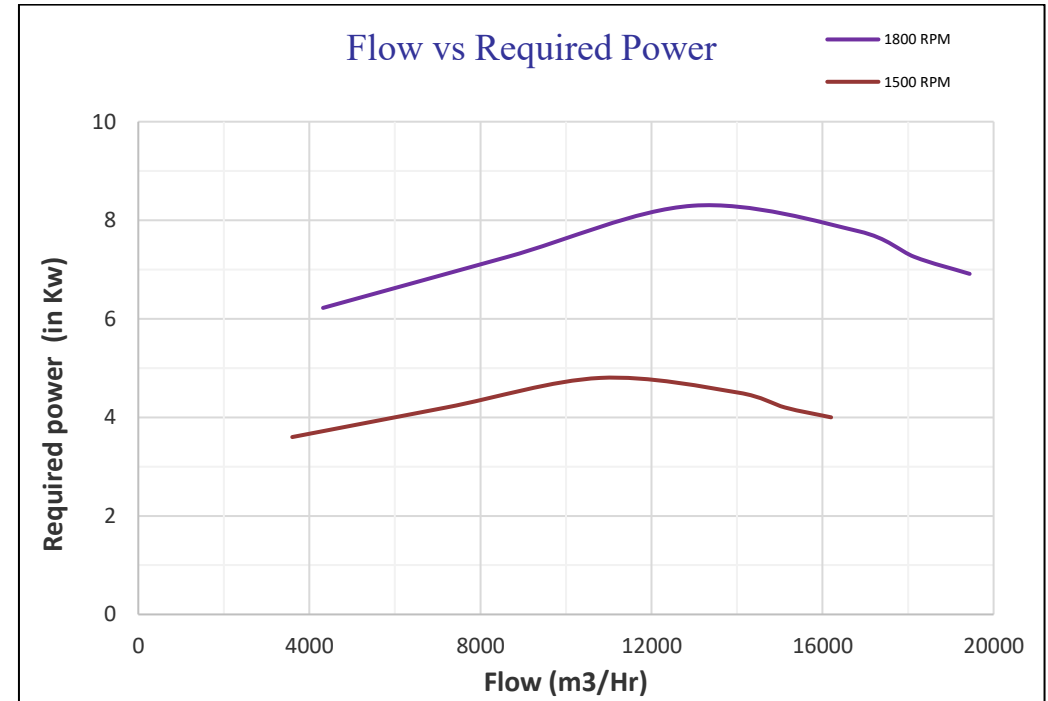
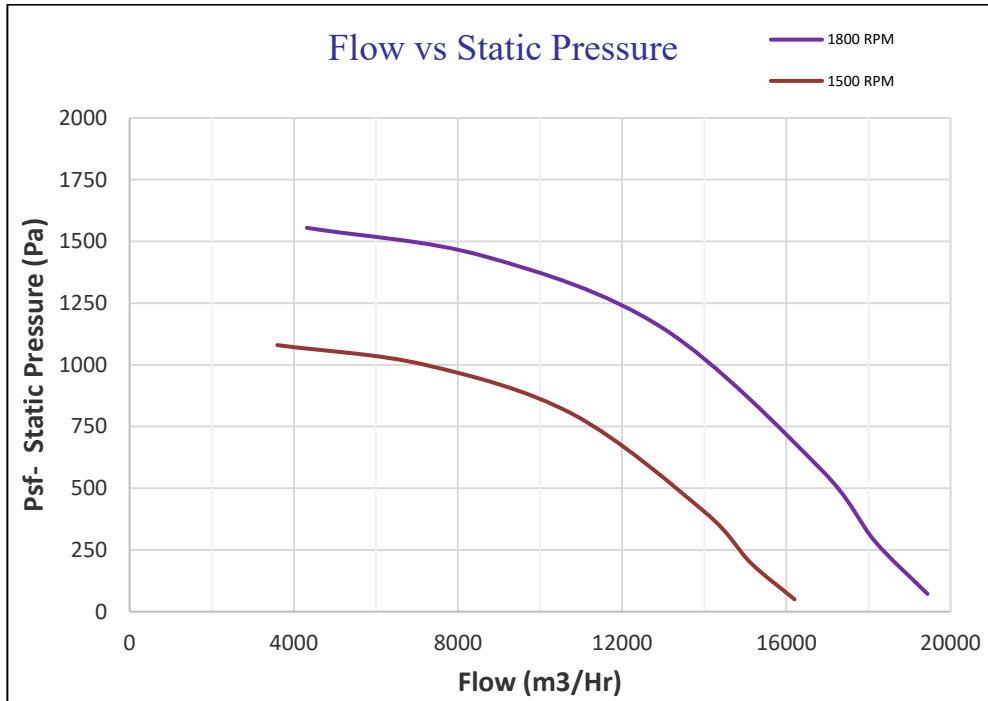
All Dimensions are in mm

Ref. No.	A	B	C	D
BC-630-4	630	421	-	214

# Fan Performance Report

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44 A, Industrial Area, Govindpura, Bhopal,  
MP, India  
Phone: +91 755 4261969  
Email: sales@kumaranindustries.com



$P_{sa} = P_{sf} - P_{d2}$	Available Pressure = Static Pressure – ducted (Depends on the casing efficiency)
$P_{sa} = P_{sf}$	Available Pressure = Static Pressure (Free discharge)

RPM	Maximum sound Power level in dB(A)
1800	82
1500	80

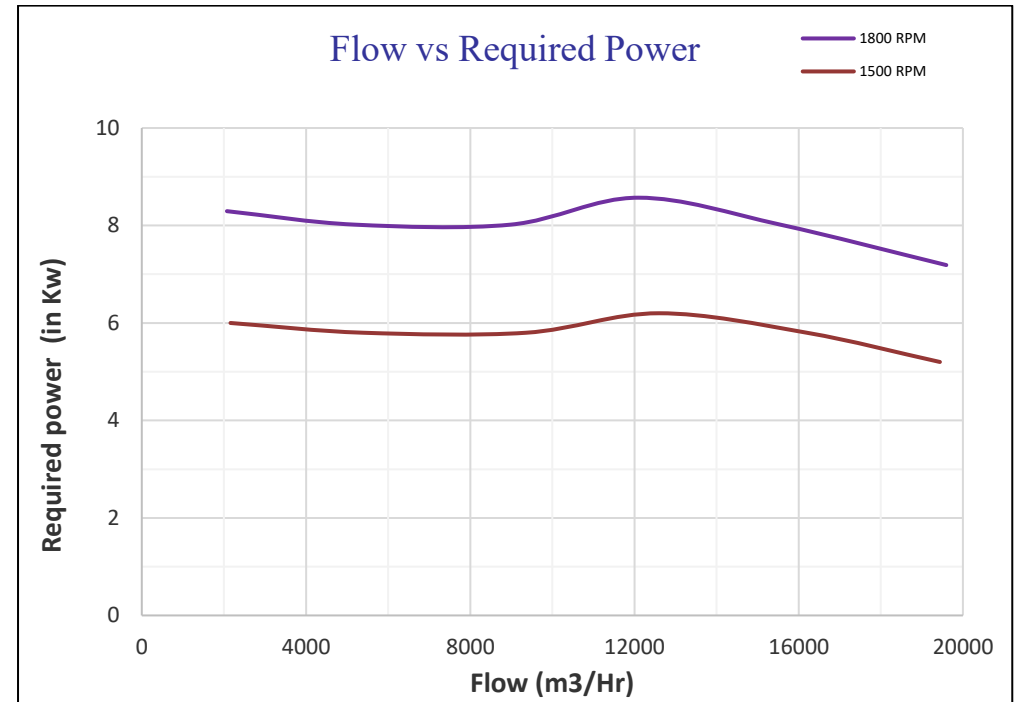
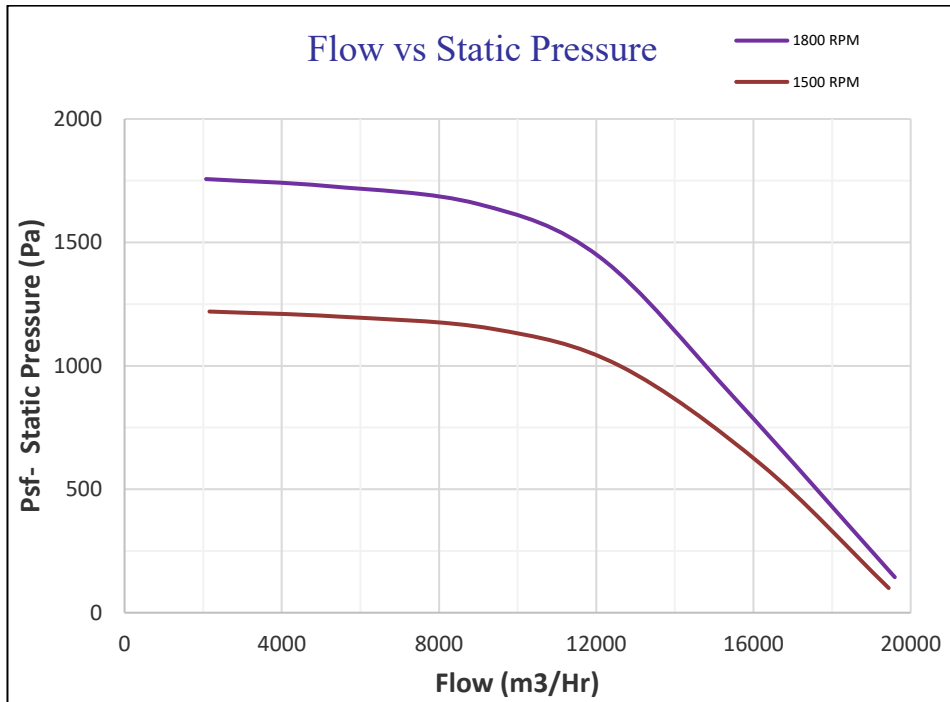
Reference No.	RPM	No of Blades	Mass (in Kgs)	Moment of Inertia [kgm <sup>2</sup> ]	Construction Class	Balancing Grade	Density $\rho$ [kg/m <sup>3</sup> ]
BC-630-4	1800	6	24.4	1.25	C	G2.5	1.2
	1500	6	24.4	1.25	B	G2.5	1.2

All Dimensions are in mm

Ref. No.	A	B	C	D
BC-630-4	630	421	-	295

For additional information, ask our technical team with the reference number.

# Fan Performance Report



$P_{sa} = P_{sf} - P_{d2}$	Available Pressure = Static Pressure – ducted (Depends on the casing efficiency)
$P_{sa} = P_{sf}$	Available Pressure = Static Pressure (Free discharge)

RPM	Maximum sound Power level in dB(A)
1800	82
1500	80

Reference No.	RPM	No of Blades	Mass (in Kgs)	Moment of Inertia [kgm <sup>2</sup> ]	Construction Class	Balancing Grade	Density ρ [kg/m <sup>3</sup> ]
BC-630-4	1800	6	24.4	1.25	C	G2.5	1.2
	1500	6	24.4	1.25	B	G2.5	1.2

All Dimensions are in mm

Ref. No.	A	B	C	D
BC-715-4	715	421	-	295

For additional information, ask our technical team with the reference number.