KRUGER



TDBII
BIFURCATED FAN

Construction
Double flanged casing is produced in mild steel or galvanized steel.

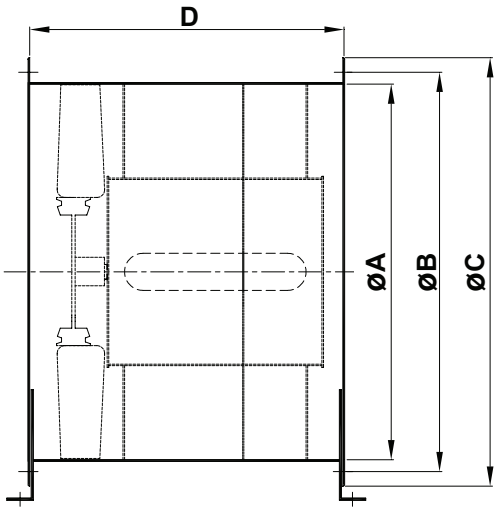
Finish
Painting or galvanisation after manufacture is normal on all parts.

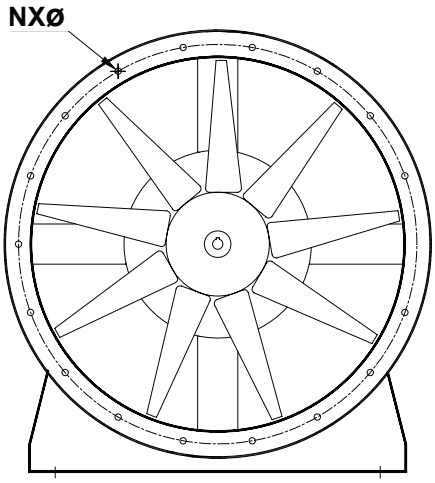
Operating Temperature
-20°C to +180°C

Motors
Totally enclosed Class 'F' motors with min. IP54 protection are fitted as standard. Standard motors up to 2.2kW are usually supplied on DOL starting, motors 3.0kW and above are star/ delta starting.

Impeller
The blades are made of Pressure-casted Aluminium, PPG or PAG. The pitch angle can be adjusted manually.

Airflow Direction
Air flow from impeller to motor is fitted as standard. Air flow from motor to impeller can be supplied upon request.





All Dimension in mm.

MODEL	A	B	C	D		N	∅	Weight$^{\Delta}$ (kg)	Max. Motor* Frame Size
				Min	Max				
400	400	440	480	480	530	12	10	20	D90S
450	450	490	530	480	550	12	10	23	D90L
500	500	540	580	480	600	12	10	25	D100L
560	560	605	660	480	650	12	10	32	D112M
630	630	675	730	550	650	12	10	34	D112M
710	710	755	810	600	650	18	12	45	D112M

MODEL	A	B	C	D		N	∅	Weight$^{\Delta}$ (kg)	Max. Motor* Frame Size
				Min	Max				
800	800	845	900	600	770	18	12	56	D132M
900	900	945	1000	770	880	18	12	85	D160M
1000	1000	1050	1100	770	880	24	12	110	D160M
1120	1120	1185	1250	880	1120	24	12	161	D225M
1250	1250	1315	1380	880	1200	24	12	209	D250M
1400	1400	1465	1530	880	1200	32	14	238	D250M

* Please consult KRUGER if motor frame size exceeds the specified range.
$^{\Delta}$ Fan weight does not include the weight of motor and impeller.

The company is always improving and developing its products, therefore the company reserves the right of making changes to the illustrated products. Certified dimension can be provided upon request.

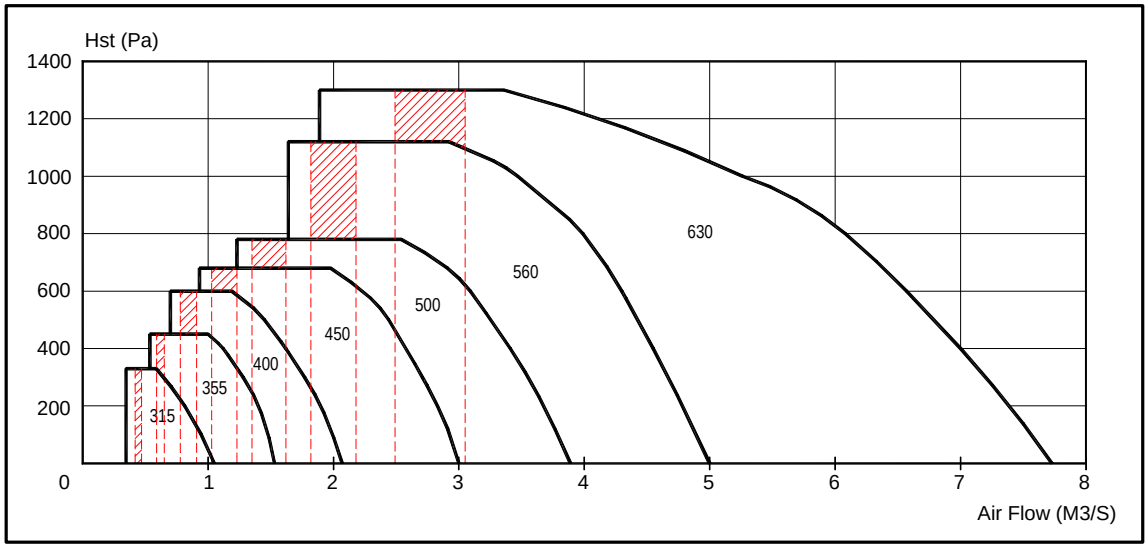
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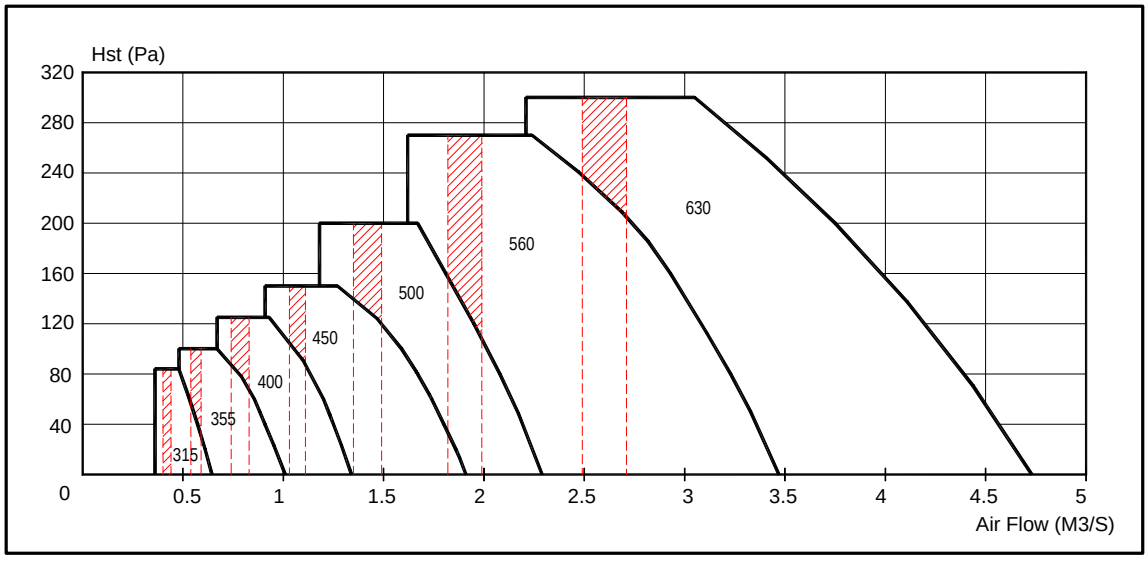
A member of
Soler&Palau Ventilation Group

QUICK SELECTION GUIDE – 50 Hz

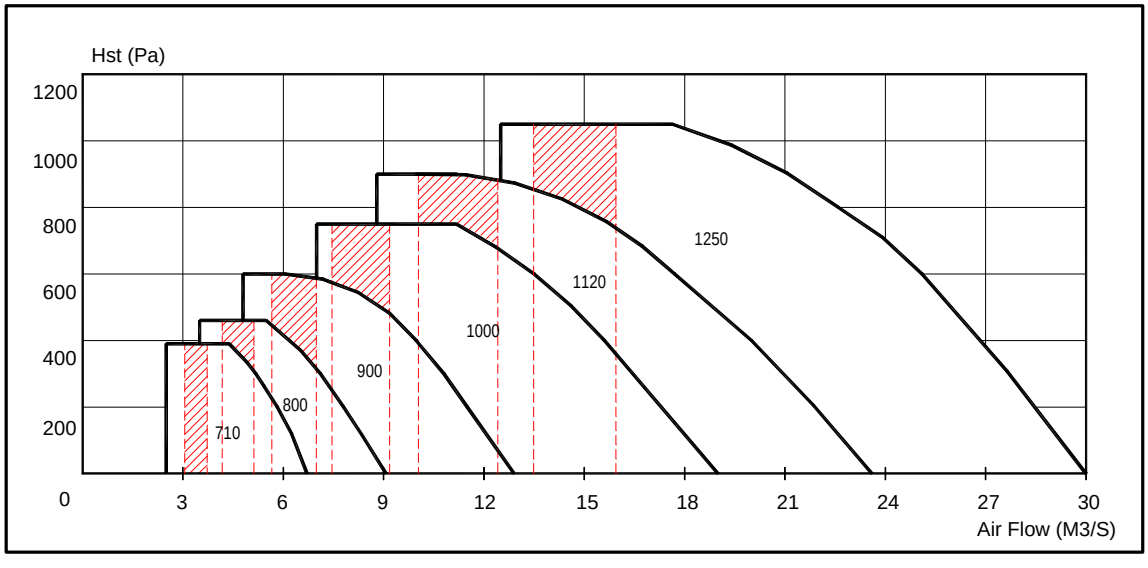
2 POLES - 2800 RPM



4 POLES - 1420 RPM



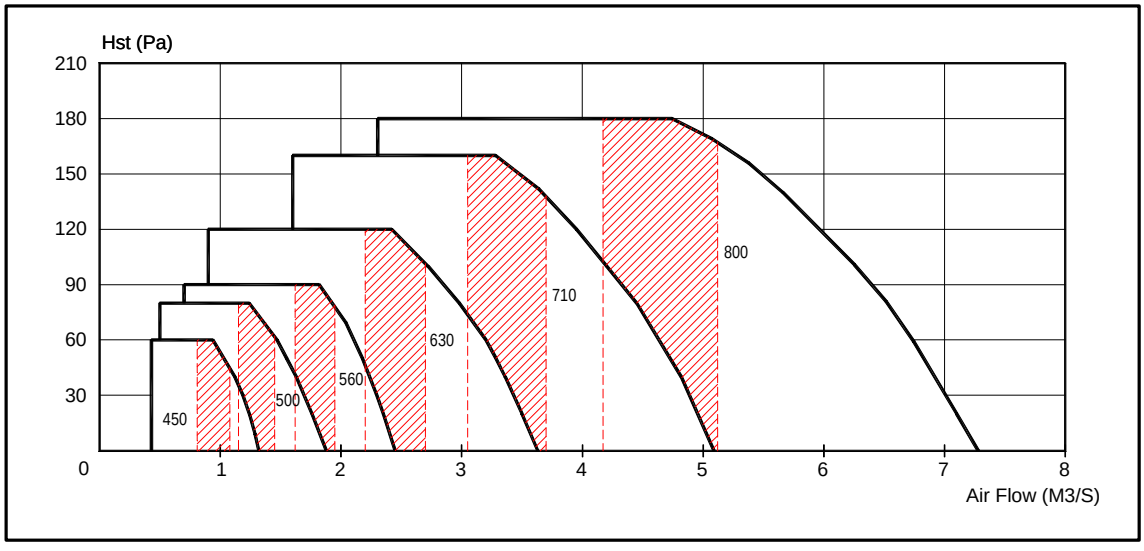
4 POLES - 1420 RPM



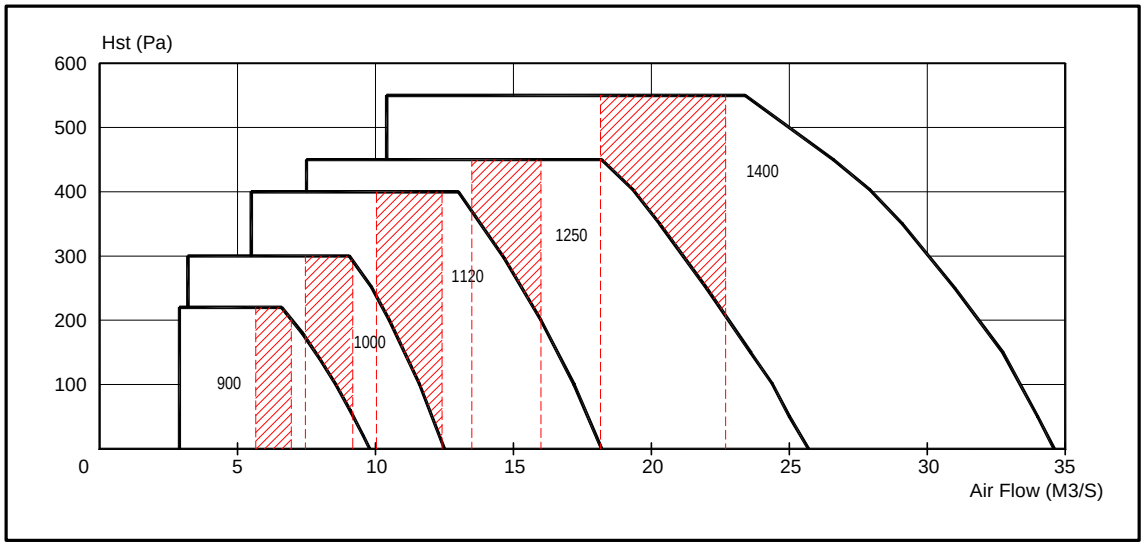
*** Shaded portion is the recommended operating range based on the duct velocity consideration (friction loss of 1 Pa/m)

QUICK SELECTION GUIDE – 50 Hz

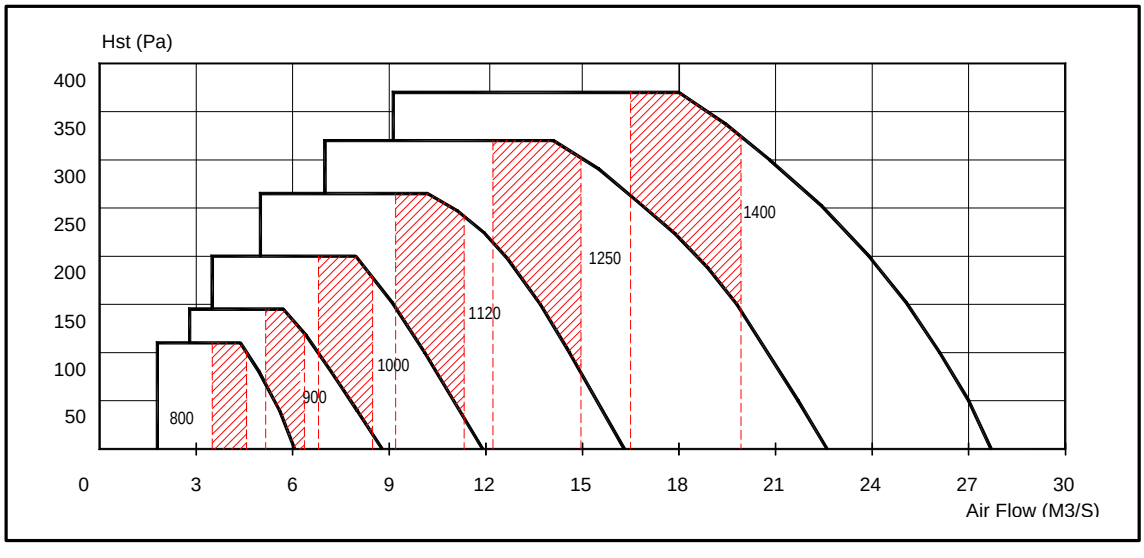
6 POLES - 900 RPM



6 POLES - 900 RPM



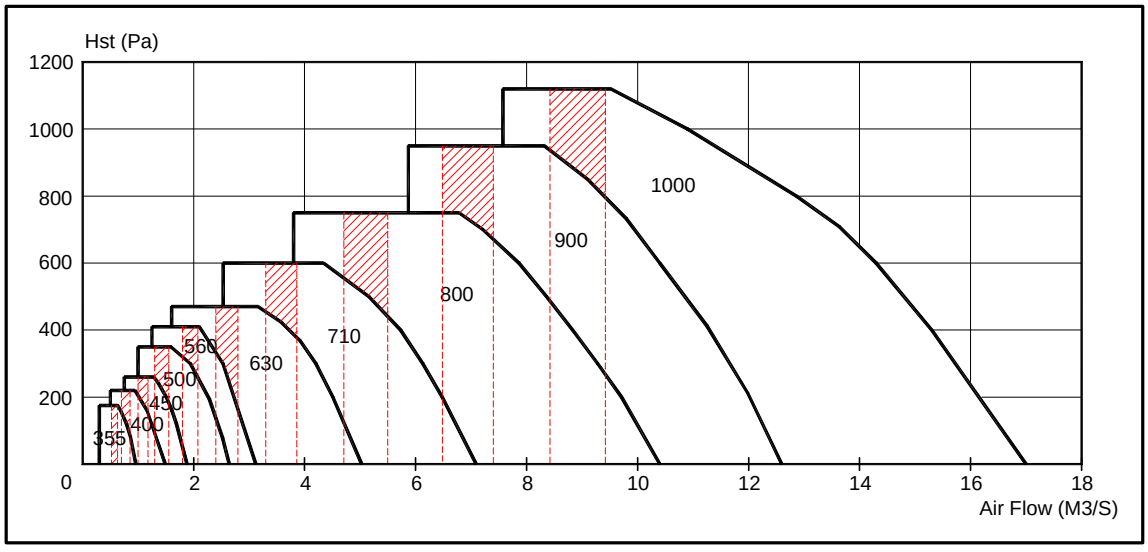
8 POLES - 720 RPM



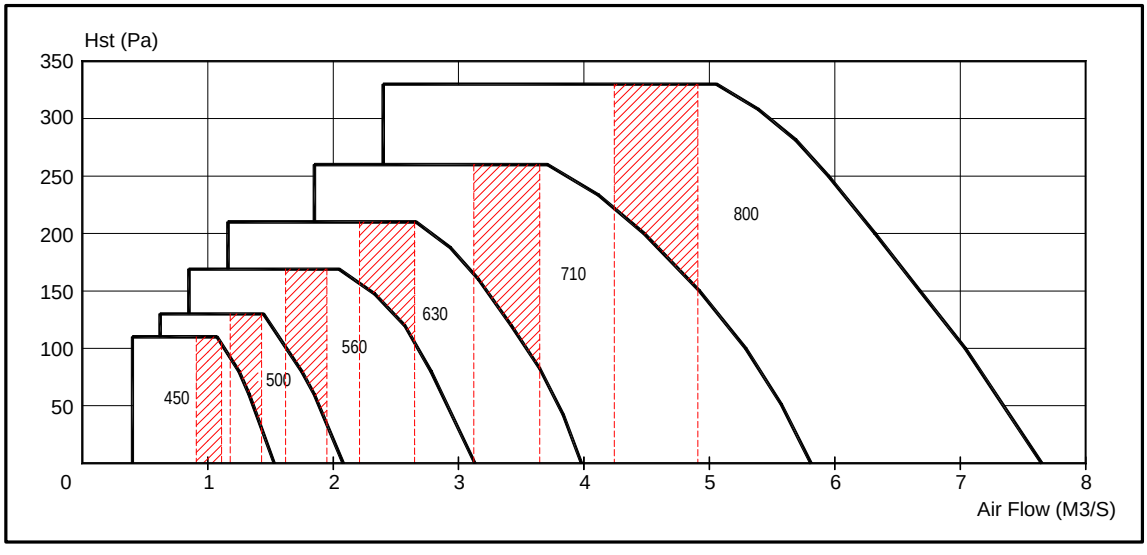
*** Shaded portion is the recommended operating range based on the duct velocity consideration (friction loss of 1 Pa/m)

QUICK SELECTION GUIDE – 60 Hz

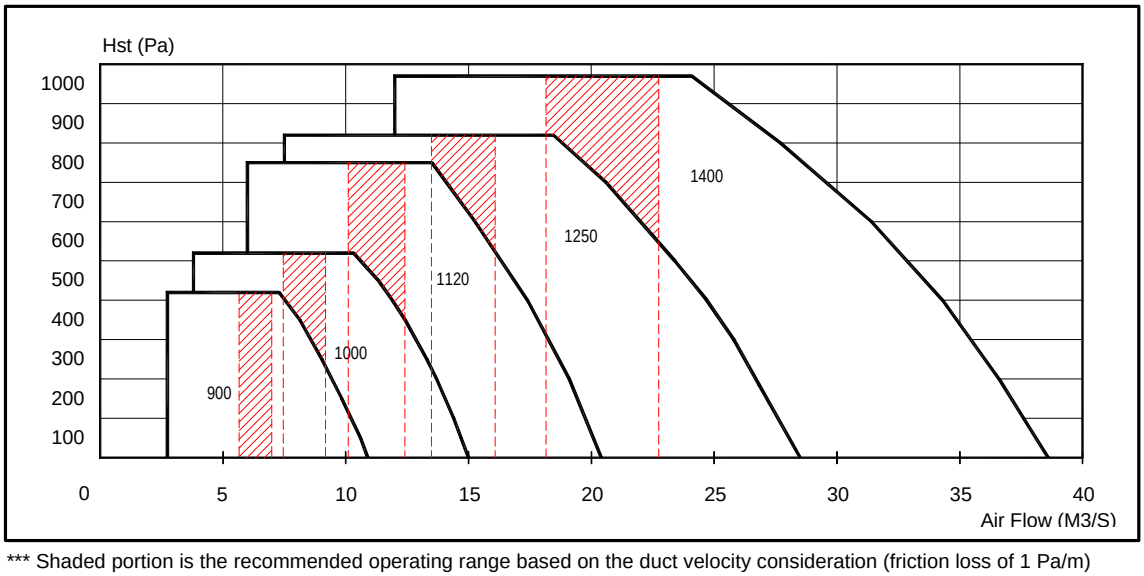
4 POLES - 1750 RPM



6 POLES - 1150 RPM



6 POLES - 1150 RPM



*** Shaded portion is the recommended operating range based on the duct velocity consideration (friction loss of 1 Pa/m)