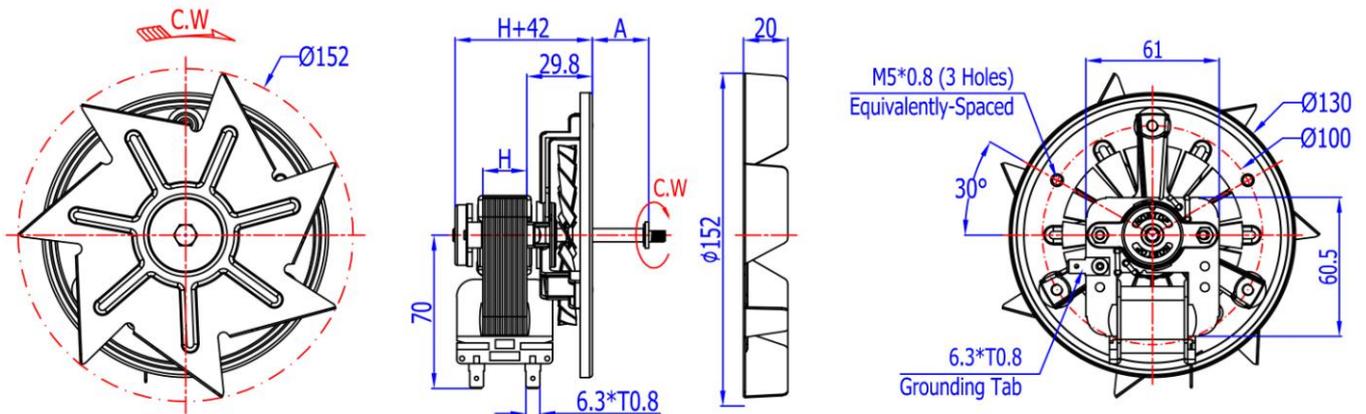


Basic Introduction & Main Features :

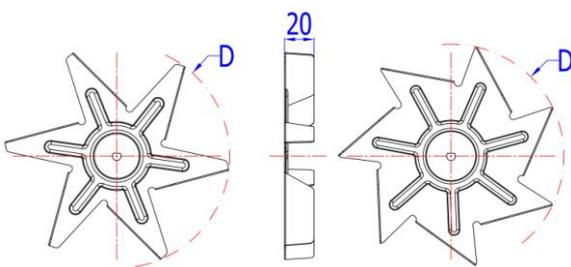
1. Specially designed as hot-air circulation fans used for **Oven, Sterilization Units, Climate Cabinet, Meal & Dish Warmer**, etc.
2. With a radial impeller (cooling fan) made of sheet steel and a mounting plate (heat shield) to set the motor away from the hot area of approx. 250°C.
3. For the motor using sleeve bearings, high temperature-resistant lubricant is used in the sleeve bearings. The max. permitted temperature of the bearing lubricant is up to 200°C.
4. If the motor uses sleeve bearings, the motor must work with its shaft horizontally.
5. Motor with ball bearings are also available on request. If the ball bearings are used, the motor shaft position can be any (not only horizontal);
6. Motor winding insulation is **Class H** (permitting max. 180°C as IEC 62114).
7. Stainless steel fan blades are available. Other special requirements are welcome.
8. Two types of fan blades are available: either $\varnothing 152*7P$ or $\varnothing 152*6P$.

Outline Dimensions (All dimensions in millimeter) :



Remarks: only the dimensions marked in letters are changeable as needed. Other dimensions are fixed.

Types of Fan Blades (Convection Fan):



D= $\varnothing 152$ mm for either 6 or 7 fan blades

Structure Diagram of a Hot Air Fan :



Technical Performances (tested under room temperature) :

Specs	Stack Height	Rated Supply		Rated Performances			Gross Weight
		Voltage	Frequency	Current	Speed	Input Power	
Model	(mm)	(VAC)	(Hz)	(Amps)	(rpm)	(Watts)	(Kgs)
NSP6115-HT6	15	120	60	0.42	1300	26	0.75
NSP6120-HT6	20	230	50	0.26	1450	30	0.90
NSP6125-HT6	25	230	50	0.30	1600	35	1.05
NSP6130-HT6	30	230	50	0.33	1800	38	1.20

Remarks: This catalog listed just some typical models. The performances as above are just for reference only. We can adjust our motor specifications according to what the customer needs. OEM & ODM are both welcome.