KPT BLOWERS

KPT Industries Ltd.®

Performance Criteria

Model :- SR010

General Overview:

Introducing the **KPT Twin-Lobe Roots Blower** built for **Continuous Duty** operation. Compact and robust, this machine is engineered to deliver performance aligned with **BS: 1571-Part II** and **ISO1217:2009** standards.

1	**Type**	:-	Twin Lobe Roots
2	**Discharge Size**	:-	65 NB
3	**Bare Blower Weight**	:-	Approx.33 kg.
4	**Design (sea level) ambient conditions are 1013 mbar & 45˚C.**		

Performance Specifications *(As per design tolerance):*

1	**Discharge Capacity (FAD)**	:-	17-132 m^3/hr
2	**Maximum Discharge Pressure**	:-	700 Mbar
3	**Maximum Operating Speed**	:-	3700
4	**Drive Type**	:-	Belt Driven

Material Specification:

1	**Casing**	:-	The Case and Housing are made up of high quality grey cast iron.
2	**Rotors**	:-	The Rotors and Shafts, designed with ample rigidity and strength, are cast as a single unit using high-tensile spheroidal graphite iron.
3	**Bearings**	:-	At drive end, grease lubricated single row roller bearings are used. At gear end, oil lubricated double row angular contact ball bearings are used.
4	**Shaft Sleeve**	:-	Shaft sleeve is of EN-8D or Equivalent Material.
5	**Shaft Seal**	:-	Viton Oil Seal is used.

Note :- Each blower undergoes individual testing, and test certificates are issued as per request.Technical specifications are subject to customization as per client requirement