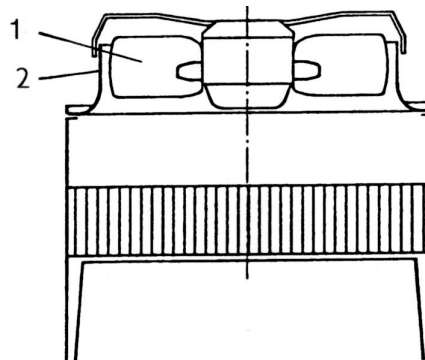


## Selecting a fan type

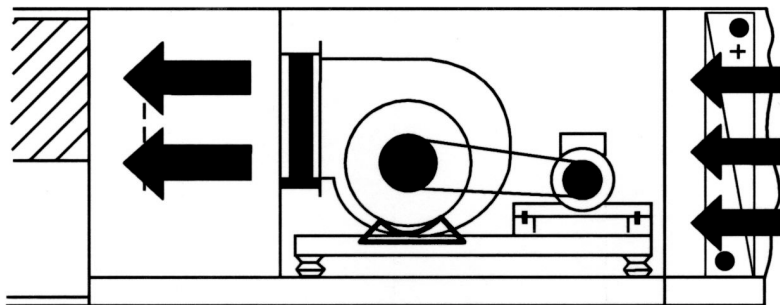
When selecting a fan the following should be considered.

- What is the duty point?
- How much space do I have?
- What airflow pattern do I require?

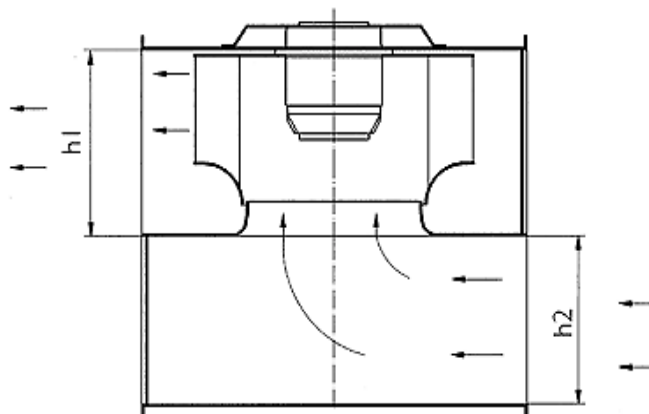
If a high volume at low pressure is required then probably an axial fan would meet the requirements.



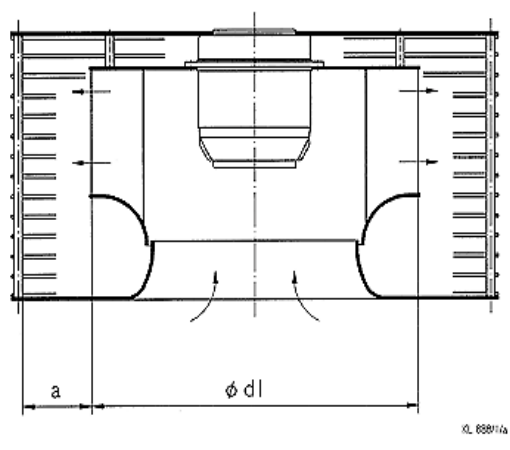
If low volume but high pressure is required probably a forward curved centrifugal is required.



If medium pressure and medium volume flow is required probably a backward curved centrifugal would meet the requirements.



If high pressure and air to exhaust 360° all round is required then a backward curved operating outside of its peak efficiency could be considered. Not an ideal selection from a fan performance perspective, but it meets the required airflow pattern. Maybe you want low pressure, but high volume to exhaust 360° all round. Then again maybe a backward curved is required operating outside its peak efficiency, but giving you the airflow pattern you require.



If a wide spread of air is required then a tangential may provide the best airflow pattern.

