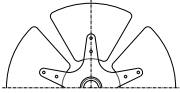

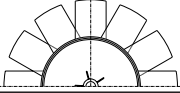

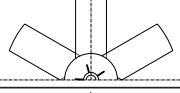

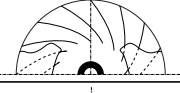



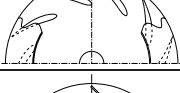



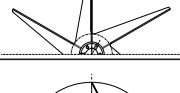



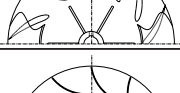

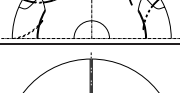

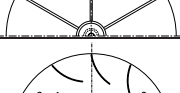

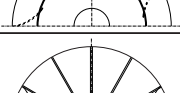

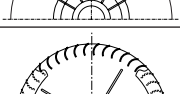

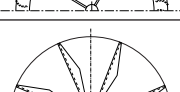





AirEng – Impeller Types

Impellers shown on this page are a general overview of the most common impeller types used.

| Impeller Style, Fan Type and Design Name | Clean Air | Light Dust Load | Medium Dust Load | Heavy Dust Load | Materials Handling | Low Noise | High Efficiency | Single Inlet Single Width | Double Inlet Double Width | Single Stage | Two Stage | Multi Stage |
|---|-----------|-----------------|------------------|-----------------|--------------------|-----------|-----------------|---------------------------|---------------------------|--------------|-----------|---|
| | | | | | | | | | | | | |
|  Prop type Axial Design PP | G | | | | G | | | G | | | |  |
|  High solidity Axial Design ME, MV, FP, MP | G | G | | | | G | | G | G | G | |  |
|  Low solidity. Axial Design 190, 200, 300, MV, FP, MP, RVV | G | G | | | | G | | G | G | G | |  |
|  Curved backward inclined Centrifugal Design 4070 – 4370 | G | G | | | G | G | G | G | G | G | |  |
|  Curved backward inclined Centrifugal Design 4570 | G | G | | | G | G | G | G | G | G | |  |
|  Backward inclined airfoil Centrifugal Design 5010 | G | | | | G | G | G | G | G | G | |  |
|  Flat backward inclined Centrifugal Design 5020 | G | G | | | G | G | G | G | G | G | |  |
|  Radial mill type Centrifugal Design 5691 | | G | G | G | G | | G | G | G | | |  |
|  Flat backward inclined Centrifugal Design 5693, GPB | G | G | G | | | G | G | G | G | | |  |
|  Backward inclined airfoil Centrifugal Design 5700 | G | | | | G | G | G | G | G | G | |  |
|  Radial tip Centrifugal Design 5870 | | G | G | G | | | G | | | | |  |
|  Radial Centrifugal Design 6600, GPBR, WFPT | | G | G | G | G | | G | G | G | G | |  |
|  Radial tip Centrifugal Design 8810 | | G | G | | | | G | | G | G | |  |
|  Radial Centrifugal Design 9000, 6400 | G | G | G | G | G | | G | G | G | G | |  |
|  Foward Curve Centrifugal Design FC | G | | | | | | G | G | G | G | |  |
|  Radial curve Centrifugal Design RCB | | | G | G | G | | G | G | G | | |  |

NOTE: This chart is intended as a general guide only and indicative of the main impeller types used. Some of these types are shrouded, some have parallel shrouds, some conical, some have conical backplates or no back plate at all.