

Table 6 — Drive arrangements for centrifugal fans

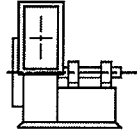
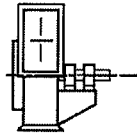
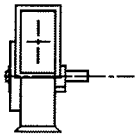
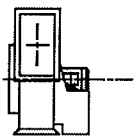
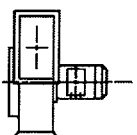
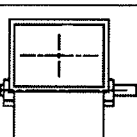
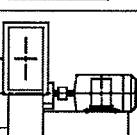
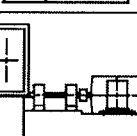
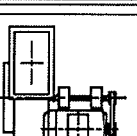
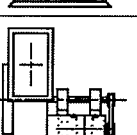
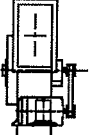
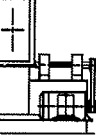
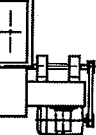
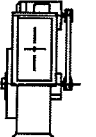
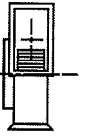

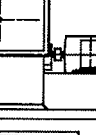
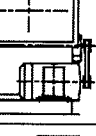
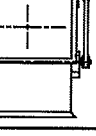
Arrangement No.	Description	Motor position (see figure 22)	Outline drawing
1	Single-inlet fan for belt drive. Impeller overhung on shaft running in 2 plummer block bearings supported by a pedestal.	—	
2	Single-inlet fan for belt drive. Impeller overhung on shaft running in bearings supported by a bracket attached to the fan casing.	—	
3	Single-inlet fan for belt drive. Impeller mounted on shaft running in bearings on each side of casing and supported by the fan casing.	—	
4	Single-inlet fan for direct drive. Impeller overhung on motor shaft. No bearings on fan. Motor supported by base.	—	
5	Single-inlet fan for direct drive. Impeller overhung on motor shaft. No bearings on fan. Motor attached to casing side by its flanged end-shield.	—	
6	Double-inlet fan for belt drive. Impeller mounted on shaft running in bearings on each side of casing and supported by the fan casing.	—	
7	Single-inlet fan for coupling drive. Generally as arrangement 3 but with a base for the driving motor.	—	
8	Single-inlet fan for coupling drive. Generally as arrangement 1 plus an extended base for the driving motor.	—	
9	Single-inlet fan for coupling drive. Generally as arrangement 1 but with the motor mounted on the outside of the bearing pedestal.	W or Z	
10	Single-inlet fan for belt drive. Generally as arrangement 1 but with the drive motor inside the bearing pedestal.	—	

Table 6 (end)

Arrangement No.	Description	Motor position (see figure 22)	Outline drawing
11	Single-inlet fan for belt drive. Generally as arrangement 3 but with the fan and motor supported by a common base frame.	W or Z (very rarely X or Y)	
12	Single-inlet fan for belt drive. Generally as arrangement 1 but with the fan and motor supported by a common base frame.	W or Z (very rarely X or Y)	
13	Single-inlet fan for belt drive. Generally as arrangement 1 but with the motor fixed underneath the bearing pedestal.	—	
14	Single-inlet fan for belt drive. Generally as arrangement 3 but with the motor supported by the fan scroll.	—	
15	Single-inlet fan for direct drive. Driving motor in-set within impeller and fan casing.	—	
16	Double-inlet fan for direct drive. Driving motor in-set within impeller and fan casing.	—	
17	Double-inlet fan for coupling drive. Generally as arrangement 6 but with a base for the driving motor.	—	
18	Double-inlet fan for belt drive. Generally as arrangement 6 but with a fan and motor supported by common base frame.	W or Z (very rarely X or Y)	
19	Double-inlet fan for belt drive. Generally as arrangement 6 but with the motor supported by the fan scroll.	—	
NOTE Arrangements 1, 3, 6, 7, 8 and 17 may also be provided with the bearings mounted on pedestals for base set independent of the fan housing.			