



Centrifugal Fans Series DCF - DCS



Applications:

The fans of this series are suitable for sucking clean air and they are mainly used in ventilation and drying plants, for materials cooling, for the removal of welding smoke, in the plastics materials working machines, in the aspiration hoods and in general when is requested to convoy air with low pressure. In standard execution, the temperature of the sucked fluid must not exceed 80°C.

Technical features:

Scroll made in beaded and welded sheet steel, impeller with curved forward blades made in galvanized sheet steel dynamically balanced, motor chair (when present) made in welded sheet steel and steel sections.

Operating range: Pt = 5 - 140 mm. H₂O - Q = 110 - 13.000 mc/h

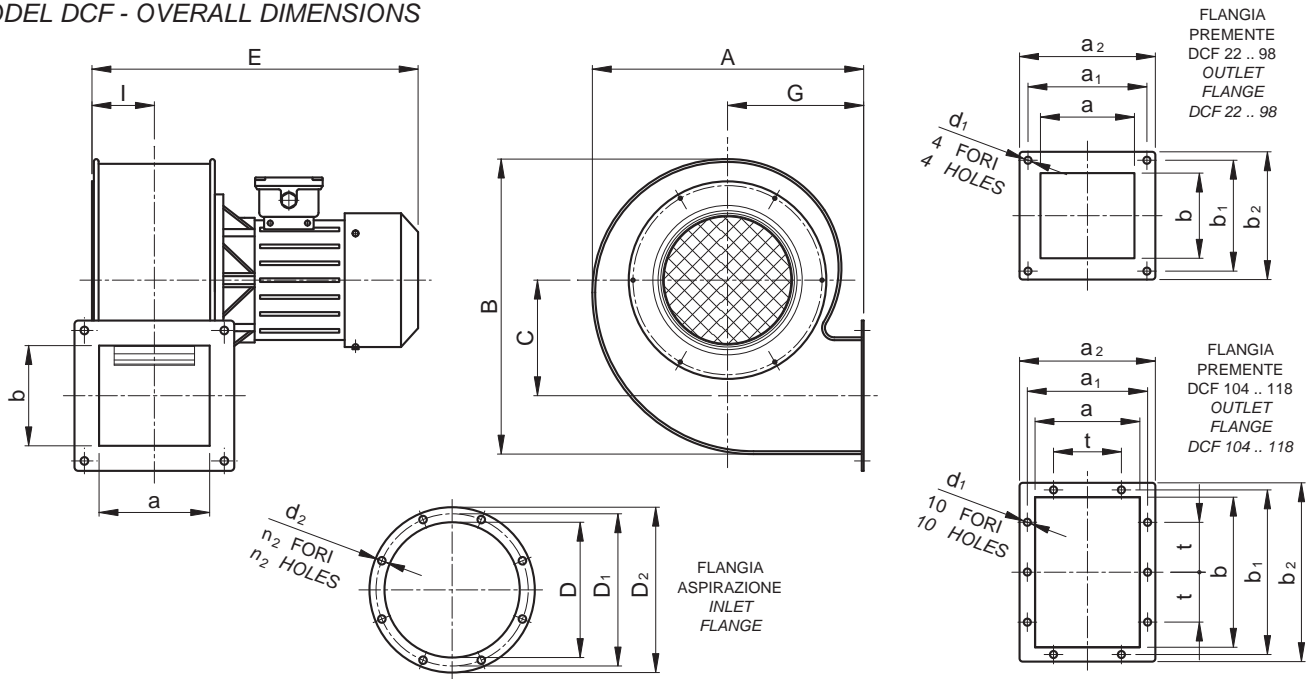
Executions:

The fans of this series are foreseen to be equipped with three-phase asynchronous electric motors according to UNEL-MEC standards coupled directly or by transmission to the impeller. They can be built with clockwise (RD) or anticlockwise (LG) rotation and they can be oriented from 45° to 45°. On request can be supplied single-phase electric motor till size 90.

Special executions:

For all the fans of this series are foreseen special executions like construction in stainless steel, for high temperature, ATEX 1-21, 2-22 zone.

MODELLO DCF - DIMENSIONI DI INGOMBRO
MODEL DCF - OVERALL DIMENSIONS



Ventilatore Tipo Fan Type	Motore Motor		Ventilatore Fan					Flangia aspirazione Inlet flange					Flangia premente Outlet flange									
	g/1' rpm	kW inst.	A	B	C	E	G	I	D	D ₁	D ₂	d ₂	n ₂	a	b	a ₁	b ₁	a ₂	b ₂	d ₁	n fori n holes	t
DCF 22	2900	0.09	212	200	68	255	111	42	-	135	145	-	4	70	65	95	95	115	115	7	4	-
DCF 24	1400	0.06	212	200	68	215	111	42	-	135	145	-	4	70	65	95	95	115	115	7	4	-
DCF 32	2900	0.12	220	231	88	279	111	52	-	144	152	-	6	90	90	115	115	140	140	7	4	-
DCF 34	1400	0.09	220	231	88	279	111	52	-	144	152	-	6	90	90	115	115	140	140	7	4	-
DCF 42	2900	0.17	250	265	102	296	128	60	-	156	165	-	6	105	90	125	125	150	145	8.5	4	-
DCF 44	1400	0.12	250	265	102	296	128	60	-	156	165	-	6	105	90	125	125	150	145	8.5	4	-
DCF 52	2900	0.37	260	265	93	321	136	60	-	175	189	-	6	106	106	136	136	158	158	8.5	4	-
DCF 54	1400	0.17	260	265	93	296	136	60	-	175	189	-	6	106	106	136	136	158	158	8.5	4	-
DCF 62	2900	0.55	285	307	122	340	144	65	-	200	209	-	6	117	106	148	138	170	160	8.5	4	-
DCF 64	1400	0.25	285	307	122	331	144	65	-	200	209	-	6	117	106	148	138	170	160	8.5	4	-
DCF 72	2900	1.1	333	350	133	386	167	77	195	215	234	11,5	6	135	135	165	165	190	190	8.5	4	-
DCF 74	1400	0.37	333	350	133	364	167	77	195	215	234	11,5	6	135	135	165	165	190	190	8.5	4	-
DCF 76	900	0.17	333	350	133	364	167	77	195	215	234	11,5	6	135	135	165	165	190	190	8.5	4	-
DCF 82	2900	2.2	427	460	164	447	200	84	235	269	289	11,5	8	156	192	186	223	210	245	9	4	-
DCF 84	1400	0.55	427	460	164	382	200	84	235	269	289	11,5	8	156	192	186	223	210	245	9	4	-
DCF 86	900	0.25	427	460	164	382	200	84	235	269	289	11,5	8	156	192	186	223	210	245	9	4	-
DCF 92	2900	3	480	510	180	510	237	97	280	325	345	11,5	8	180	222	215	250	235	275	9	4	-
DCF 94	1400	1.1	480	510	180	474	237	97	280	325	345	11,5	8	180	222	215	250	235	275	9	4	-
DCF 96	900	0.37	480	510	180	449	237	97	280	325	345	11,5	8	180	222	215	250	235	275	9	4	-
DCF 98	700	0.25	480	510	180	449	237	97	280	325	345	11,5	8	180	222	215	250	235	275	9	4	-
DCF 104	1400	1.5	550	610	196	519	243	120	321	366	401	11,5	8	224	315	273	366	304	395	10	10	125
DCF 106	900	0.75	550	610	196	494	243	120	321	366	401	11,5	8	224	315	273	366	304	395	10	10	125
DCF 108	700	0.37	550	610	196	494	243	120	321	366	401	11,5	8	224	315	273	366	304	395	10	10	125
DCF 114	1400	2.2	610	695	224	583	266	134	361	405	441	11,5	8	250	355	300	405	330	435	10	10	125
DCF 116	900	1.1	610	695	224	547	266	134	361	405	441	11,5	8	250	355	300	405	330	435	10	10	125
DCF 118	700	0.55	610	695	224	547	266	134	361	405	441	11,5	8	250	355	300	405	330	435	10	10	125

