

FORWARD CURVED IMPELLER, BELT-DRIVEN CENTRIFUGAL FAN

Rev.01
27-05-2015



GMC CRF-583:

- Forward-curved centrifugal fan
- Double-inlet fan
- Belt-driven

Application

- suitable for ventilation, conditioning, heating.
- can treat clean air with maximum temperature of 40°C

Composition

- Casing in galvanized sheet steel
- Direct drive double inlet forward curved impeller
- Motor with overheat protection – Insulation class F – Protection IP44
- Supply: 230Vac 1ph or 400Vac 3ph
- Suitable for speed regulation

Impeller

- Forward-curved

Accessories

- Mounting feet set type **VT**
- Flange outlet side type **FL**
- Speed controller type **BTRN** or **BTRNTK**

Order example

CRF-583: Mk.9-9-37L + VT + FL + BTRN-1-5

Mk.9-9-37 = fan type

L = 230 Vac 1ph **LK** = 400 Vac 3ph

VT = feet set

FL = outlet flange

BTRN = speed controller



HVAC Systems and Equipments Co.
4640 Hedgcoxe Road 227 Plano, TX 75024 – US

www.gmcair.com

FORWARD CURVED IMPELLER, BELT-DRIVEN CENTRIFUGAL FAN

Rev.01
27-05-2015



Air performance data

Mk.	Model	Qv [m ³ /h]	P [Pa]
		7-7 L	3500
	9-7 L	5000	1350
	9-9 L	5300	950
	10-8 L	5500	1050
	10-10 L	7350	1050
	12-9 L	8500	1220
	12-12 L	10500	1050
	15-15 L	13500	500
	18-18 L	18500	450
	15-11 LK	13500	1150
	15-15 LK	18000	850
	18-13 LK	22500	1450
	18-18 LK	28000	1050

Dimensions

Mk.		A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H [mm]	I [mm]	J [mm]	[kg]
		7-7	262	307	321	232	30	146	222	180	145	29
	9-9	346	380	392	300	46	184	260	218	180	37	17,1
	10-10	360	422	441	333	27	201	289	247	213	37	20,7
	12-9	396	493	524	311	85	229	341	293	210	40	26,5
	12-12	481	493	524	396	85	229	341	293	240	40	28,6

