

# Flaps, couplings

## IAE – flexible coupling, IBR – free flange



IAE



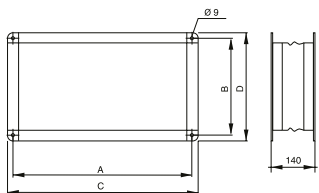
IBR

### IAE – flexible coupling

- couplings are used to connect pipes to IRB and IRT duct fans
- prevent the transmission of vibrations to the air ducts
- suitable for DIRECT AIR assembly units

### IBR – free flange

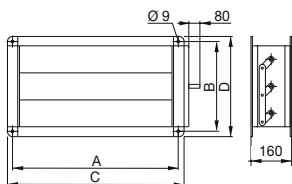
- free flanges facilitate pipe adjustment directly at the installation site
- suitable for DIRECT AIR assembly units



IAE

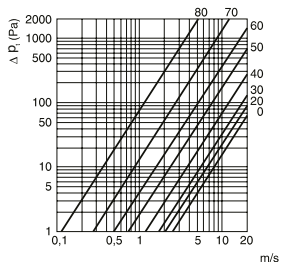
Type	free flange	for fan type IRB/IRT	piping size	[mm]				weight [kg]	
				A	B	C	D	IBR	IAE
IAE 200	IBR 200	200	400×200	420	220	440	240	0.80	2.30
IAE 225	IBR 225	225	500×250	520	270	540	290	0.90	2.80
IAE 250	IBR 250	250	500×300	520	320	540	340	1.00	2.90
IAE 285	IBR 285	285	600×300	620	320	640	340	1.10	3.20
IAE 315	IBR 315	315	600×350	620	370	640	390	1.10	3.40
IAE 355	IBR 355	355	700×400	720	420	740	440	1.20	3.70
IAE 400	IBR 400	400	800×500	820	520	840	540	1.50	4.50
IAE 450	IBR 450	450	1,000×500	1,020	520	1,040	540	1.70	5.00

## IJK – universal control flap



- serves to regulate the system
- after removing the manual control lever with the position locking nut, it is ready for servo-drive
- suitable for DIRECT AIR assembly units

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Type	for fan type IRB/IRT	piping size	[mm]				weight [kg]
			A	B	C	D	
IJK 200/40-20	200	400×200	420	220	440	240	4.00
IJK 225/50-25	225	500×250	520	270	540	290	5.00
IJK 250/50-30	250	500×300	520	320	540	340	6.00
IJK 285/60-30	285	600×300	620	320	640	340	7.00
IJK 315/60-35	315	600×350	620	370	640	390	7.20
IJK 355/70-40	355	700×400	720	420	740	440	9.00
IJK 400/80-50	400	800×500	820	520	840	540	11.70
IJK 450/100-50	450	1,000×500	1,020	520	1,040	540	13.50