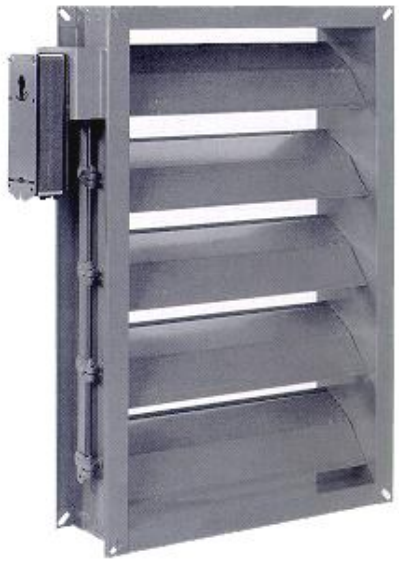
Motorized Louvers
Type NKR-JK

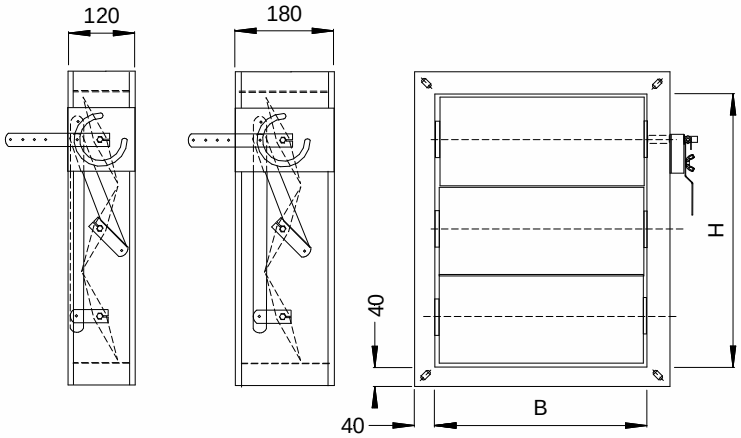
Noise reduction / Ventilation / Cooling

Motorized louvers type NKR-JK are designed for use in air treatment systems with a maximum air velocity of 10 m/s at max. pressure difference of 1000 Pa.
De dampers are standard manufactured from galvanised steel material. The bearings are bronze bearings which are maintenance free.
Blades remain at model 180 in opened position within the housing, at model 120 outside the house. Deliverable with counter rotating or parallel rotating blades. The flange is standard provided with predrilled holes.



Dimensions:
Deliverable in maximum dimensions 2000 x 1995 (W x H in mm); when larger dimensions are required several parts are coupled.

Implementation:
Deliverable in other dimensions, form and colour.
Deliverable with servo-motor preparation.
Deliverable with built on servomotor.



Dimension	
Width in mm	*Height in mm*
400	180
600	345
800	510
1000	675
1200	840
1400	1005
1600	1170
1800	1335
2000	1500
-	1665
-	1830
-	1995

Zeta-value at blade position	*Counter rotating*					*Parallel rotating*			
	0-10°	**30°**	**60°**	**80°**		**0 - 10°**	**30°**	**60°**	**80°**
Ducting connection									
Two sides	0,21	3,9	140	10000		0,21	1	10	160
Outlet side	2,1	9	150	10000		2,1	3,9	16	170
Inlet side	0,9	5	140	10000		0,9	1,8	10	160
Without connection	3,9	10	150	10000		3,9	5,5	17	170

Delta P = Zeta x 0,5 rho x V^2

Delta P = pressure loss in Pa
Zeta = restriction coefficient
Rho = voluminal weight of air (at 20°C and 1 bar = 1,188 kg/m^3)
V = air velocity in m/s

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