Product sheet

JK-D

Direktedrevet sentrifugalvifte for materialtransport

JK-D er en serie direktedrevne sentrifugalvifter utviklet for materialtransport. Viftene er utstyrt med selvrensende viftehjul med bakoverlente skovler og aerodynamisk innløp. Viftehjulene er statisk og dynamisk balansert. Serien består av seks størrelser fra JK-20D til JK-40D.



Sikkerhet og ATEX:
JK-D standard godkjenning gjelder for støv med følgende materialparametere:

Kmax≤ 150 mbar/s
Pmax≤ 9 bar

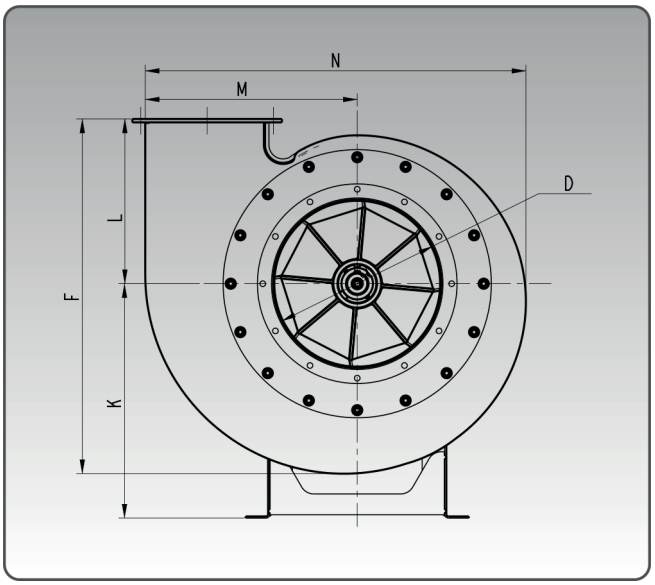
Viften leveres med følgende ATEX merke:
CE Ex II 2/-D T125°C.

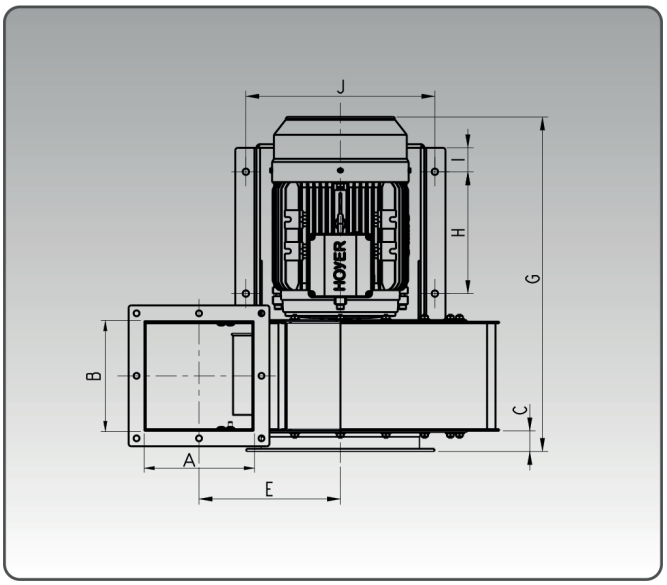
Hvis viften skal monteres i en EX-zone kan også motor leveres i ATEX-godkjent utførelse.

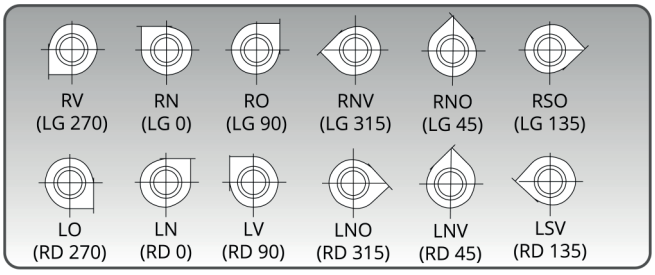
Egenskap	Verdi
Viftetype	Direktedrevet sentrifugalvifte
Anvendelse	Materialtransport
Luftmengde	750–11 000 m³/h
Trykk	110–440 mmWG*
Motoreffekt	1,1–22 kW*
Motor	IP55
Driftstemperatur	Maks. 60 °C
Maks. omgivelsestemperatur	40 °C
Maks. materialstrøm	0,5 kg/m³
Max partikkelstørrelse	20 × 40 × 90 mm
ATEX-merking	CE Ex II 2/-D T125°C
Støvgodkjenning	Kmax ≤ 150 mbar/s, Pmax ≤ 9 bar
Modellprogram	JK-20D til JK-40D

Fordeler

- Direktedrevet konstruksjon
- Utviklet for materialtransport
- Selvrensende viftehjul med bakoverlente skovler
- Aerodynamisk innløp
- Statisk og dynamisk balansert viftehjul
- Standard, forsterket og slitesterkt viftehjul tilgjengelig
- Egen viftehjulvariant for papir
- Innløpsflens som standard
- Innløp i rustfritt stål kan leveres
- Eksplosjonssikker motor kan leveres







6 positions. The position illustrations are viewed from the inlet side.

Steel plate dimensions in mm

Type	JK-20D - JK-30D	JK-35D - JK-40D
Impeller - standard	4	5
Impeller - reinforced	8	8
Fan housing - standard	3	3
Fan housing - reinforced	6	8

Type	Dimensions														Weight without motor kg
	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	I mm	J mm	K mm	L mm	M mm	N mm	
JK-20D	140	140	33	200	207	448	400	141	40	317	325	198	284	500	27
JK-22D	166	166	29	225	220	500	475	192	40	326	340	224	310	552	34
JK-25D	186	186	30	250	248	582	530	210	50	356	384	273	339	618	45
JK-30D	206	206	36	300	267	631	577	230	50	356	415	293	368	676	50
JK-35D	225	225	45	350	320	670	735	360	50	390	515	293	429	770	73
JK-40D	251	251	55	400	330	740	795	400	50	488	500	326	453	824	88

JK-20D

Motor: IP 55

Supplied with the following motors:

kW	amp.	Weight of motor kg
1,1	4,3	12

Max. min^{-1}:

Standard impeller: 3.000 min^{-1}
Reinforced impeller: 3.000 min^{-1}
Durable impeller: 2840 min-1

Operating range:

Air volume: 750 - 1.800 m³/h
Pressure: 110 - 155 mmWG

Power supply:

230 V - 50 Hz.

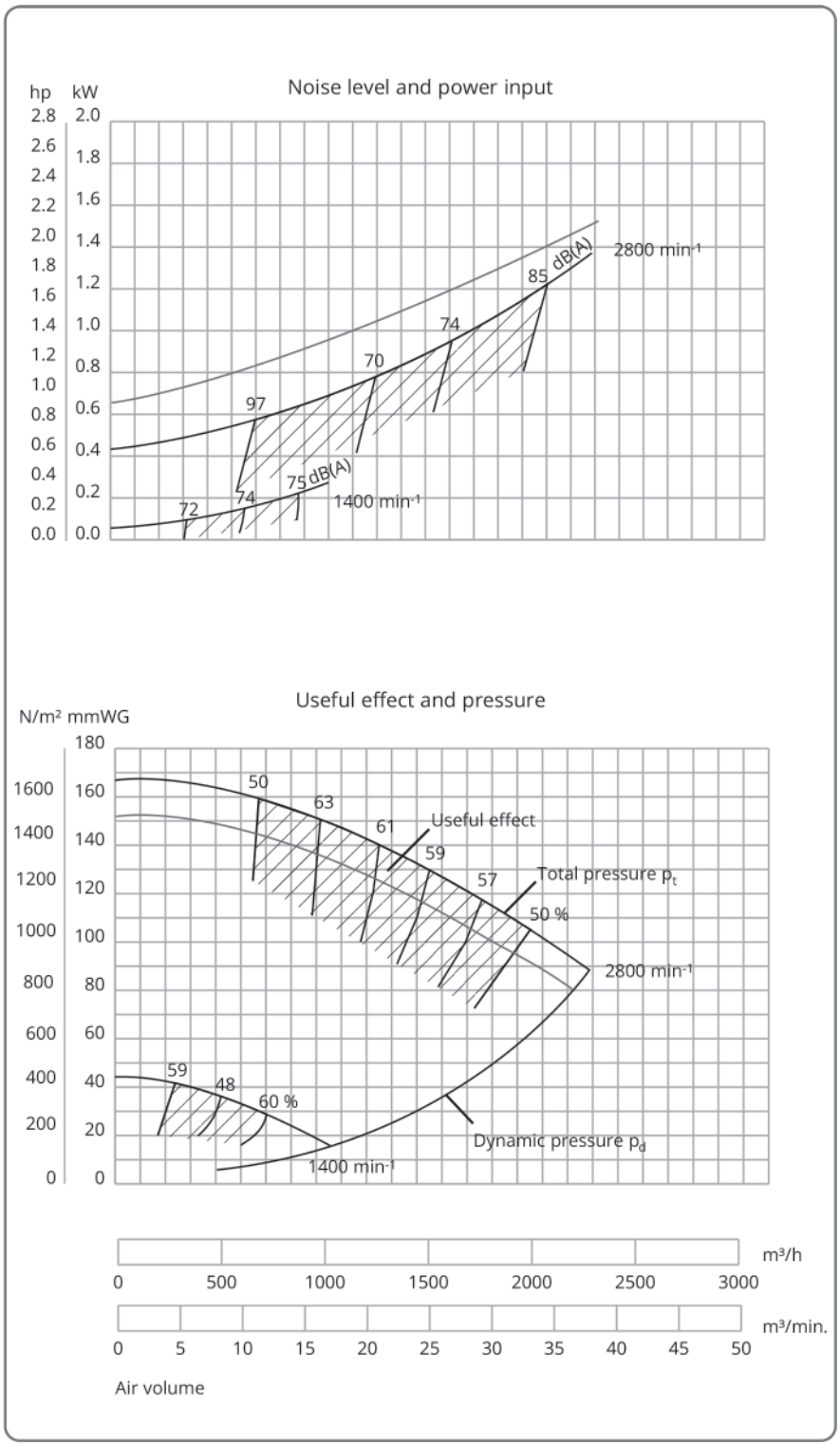
Construction:

Standard and without motor stand.

Impeller:

Standard, Reinforced, Durable, Paper and Standard 60 Hz

Blue curve apply to paper impellers with 6 blades.



JK-22D

Motor: IP 55

Supplied with the following motors:

kW	amp.	Weight of motor kg
2,2	8,0	19

Max. min^{-1}:

Standard impeller: 3.000 min^{-1}
Reinforced impeller: 3.000min^{-1}
Durable impeller: 2865 min-1

Operating range:

Air volume: 1.000 - 3.100 m³/h
Pressure: 130 - 200 mmWG

Power supply:

230 V - 50 Hz.

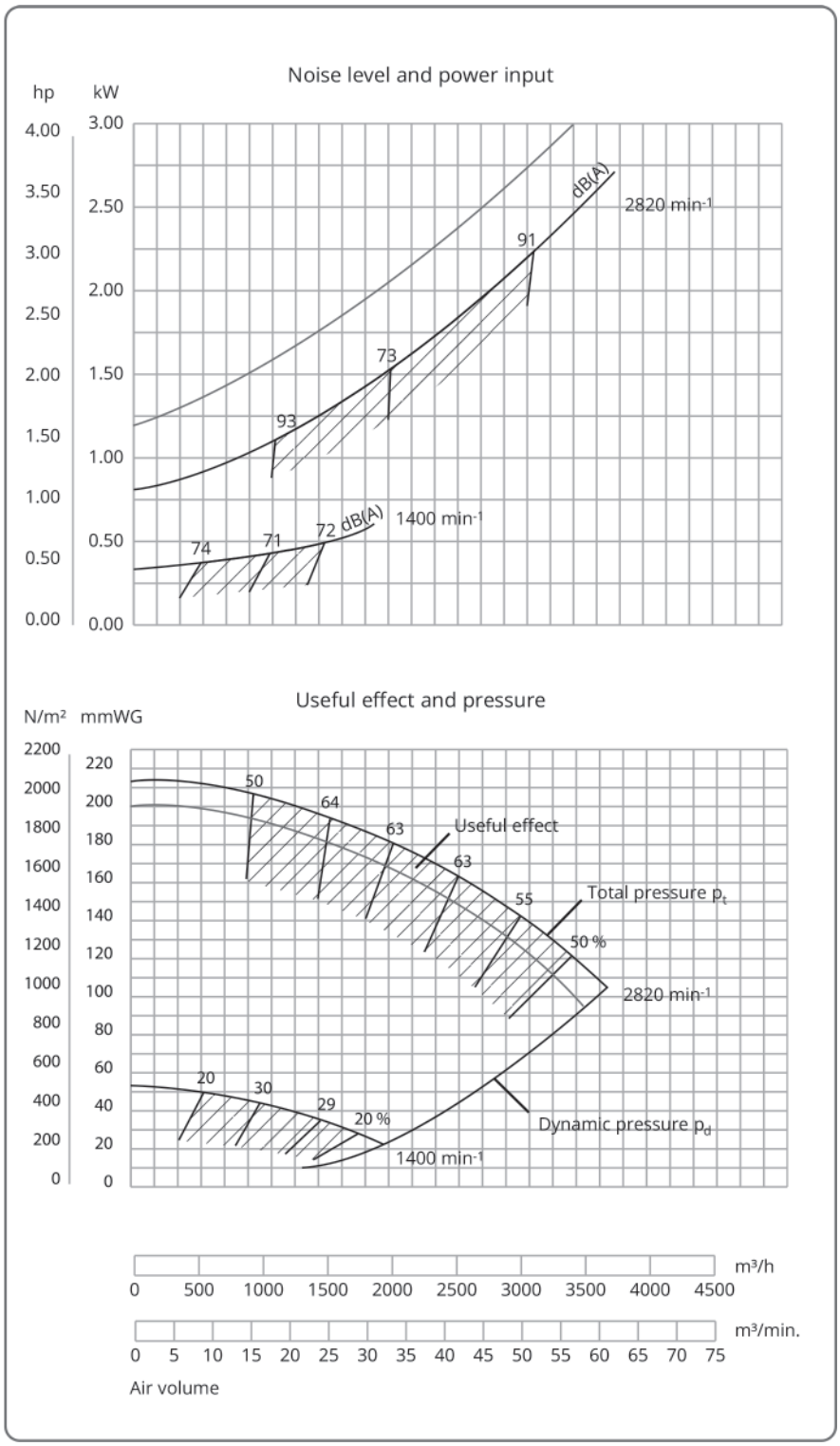
Construction:

Standard and without motor stand.

Impeller:

Standard, Reinforced, Durable, Paper and Standard 60 Hz

Blue curve apply to paper impellers with 6 blades.



JK-25D

Motor: IP 55

Supplied with the following motors:

kW	amp.	Weight of motor kg
4,0	7,7	34

Max. min^{-1}:

Standard impeller: 3.000 min^{-1}
Reinforced impeller: 3.000 min^{-1}
Durable impeller: 2865 min-1

Operating range:

Air volume: 1.500 - 4.500 m³/h
Pressure: 160 - 240 mmWG

Power supply:

400 V - 50 Hz.

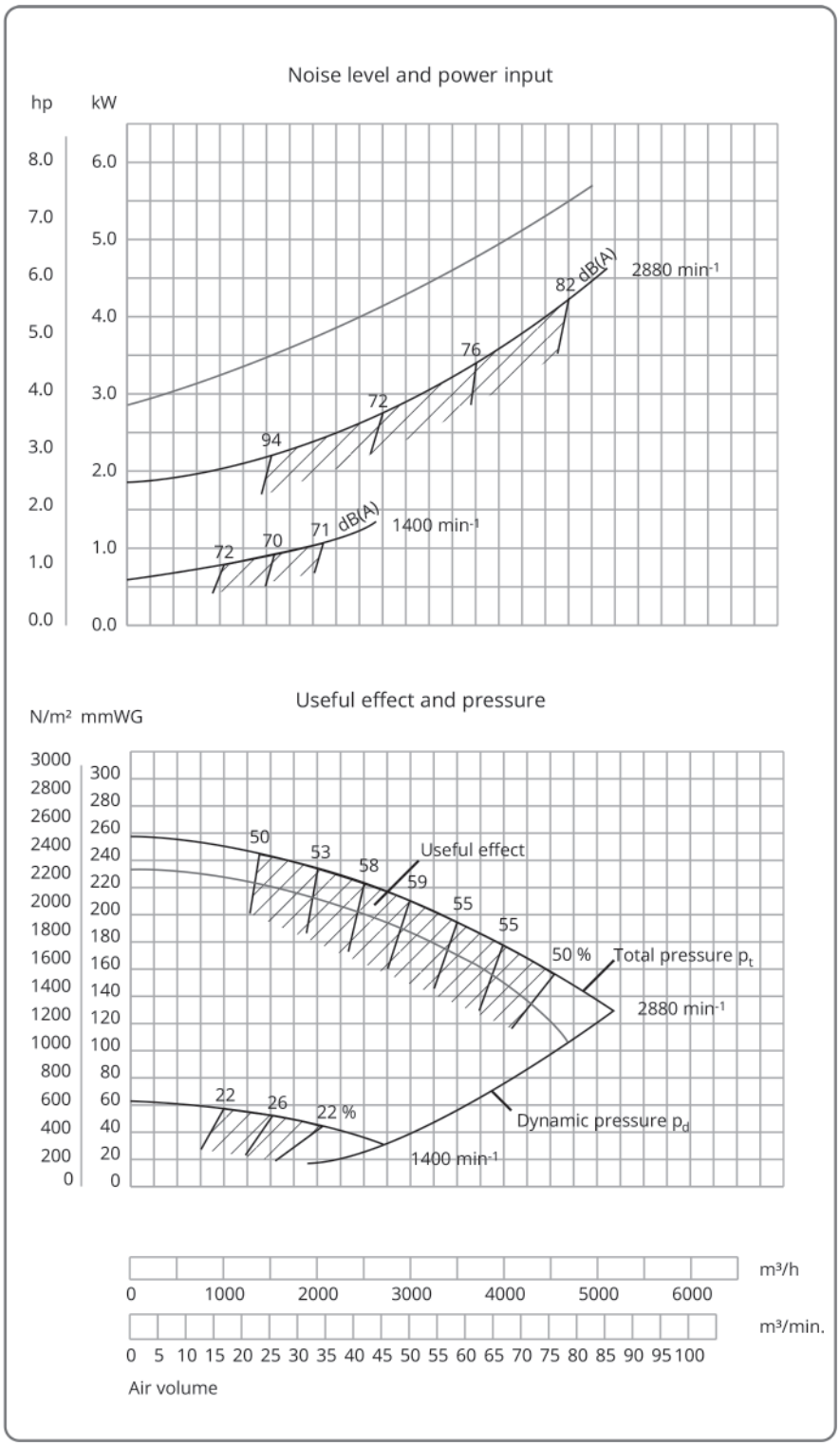
Construction:

Standard and without motor stand.

Impeller:

Standard, Reinforced, Durable, Paper and Standard 60 Hz.

Blue curve apply to paper impellers with 6 blades.



JK-30D

Motor: IP 55

Supplied with the following motors:

kW	amp.	Weight of motor kg
5,5	11,1	48
7,5	14,7	56

Max. min^{-1}:

Standard impeller: 3.000 min^{-1}
Reinforced impeller: 3.000 min^{-1}
Durable impeller: 2895 min-1

Operating range:

Air volume: 2.500 - 6.500 m³/h
Pressure: 200 - 290 mmWG

Power supply:

400 V - 50 Hz.

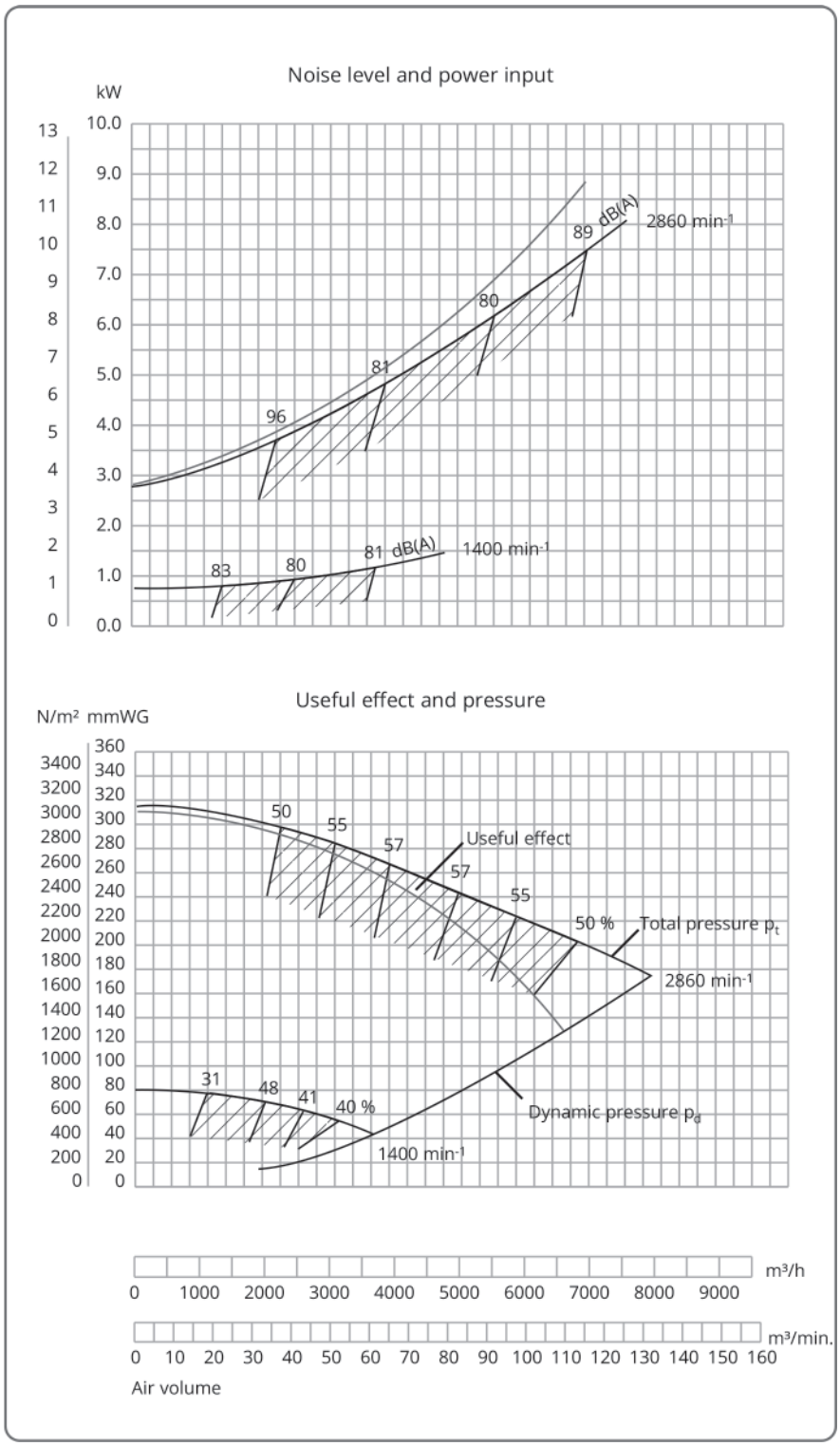
Construction:

Standard and without motor stand.

Impeller:

Standard, Reinforced, Durable, Paper and Standard 60 Hz.

Blue curve apply to paper impellers with 6 blades.



JK-35D

Motor: IP 55

Supplied with the following motors:

kW	amp.	Weight of motor kg
11,0	21,2	122
15,0	28,2	137

Max. min^{-1}:

Standard impeller: 3.000 min^{-1}
Reinforced impeller: 3.000 min^{-1}
Durable impeller: 2915 min-1

Operating range:

Air volume: 3.000 - 8.500 m³/h
Pressure: 260 - 375 mmWG

Power supply:

400 V - 50 Hz.

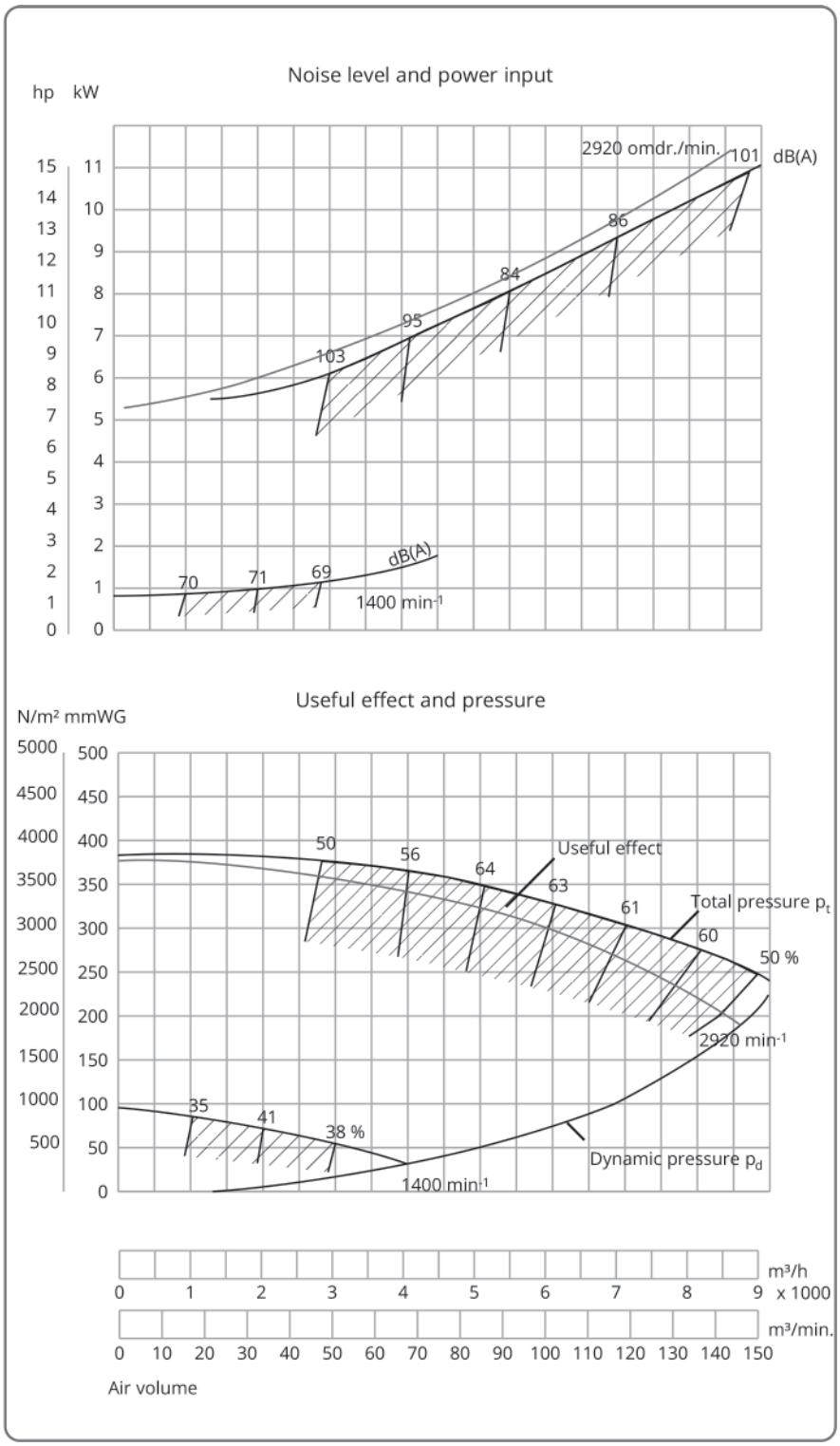
Construction:

Standard and without motor stand.

Impeller:

Standard, Reinforced, Durable, Paper and Standard 60 Hz.

Blue curve apply to paper impellers with 6 blades.



JK-40D

Motor: IP 55

Supplied with the following motors:

kW	amp.	Weight of motor kg
18,5	34,4	150
22,0	40,0	198

Max. min^{-1}:

Standard impeller: 3.000 min^{-1}
Reinforced impeller: 3.000 min^{-1}
Durable impeller: 2930 min-1

Operating range:

Air volume: 5.000 - 11.000 m³/h
Pressure: 340 - 440 mmWG

Power supply:

400 V - 50 Hz.

Construction:

Standard and without motor stand.

Impeller:

Standard, Reinforced, Durable, Paper and Standard 60 Hz.

Blue curve apply to paper impellers with 6 blades.

