Product sheet

JK-MTDP

Direktedrevet sentrifugalvifte for materialtransport

JK-MTDP er en serie direktedrevne sentrifugalvifter utviklet for pneumatisk transport av materialer som trestøv, flis og spon. Viftene er utstyrt med selvrensende løpehjul med bakoverbøyde skovler og aerodynamisk innløp i messing for høy virkningsgrad og driftssikker materialtransport. Løpehjulet er statisk og dynamisk balansert for stabil drift og lang levetid.



Sikkerhet og ATEX:
JK-MTDP 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
Max materialmengde	0.1 kg/m3
Max partikkelstørrelse	20x20x40 mm.
Luftmengde	3 000 – 77 000 m³/h
Statisk trykk	Opptil ca. 590 mmVS
Motoreffekt	4 – 90 kW
Driftstemperatur	Maks. 60 °C
ATEX-merking	CE Ex II 2/-D T125°C
Støvgodkjenning	Kmax ≤ 150 mbar/s, Pmax ≤ 9 bar
Alternativer	ATEX-motor, frekvensomformer
Modellprogram	JK-30MTDP til JK-90MTDP

Fordeler

- Høy virkningsgrad
- Selvrensende løpehjul med bakoverbøyde skovler
- Statisk og dynamisk balansert løpehjul
- Robust konstruksjon for materialtransport
- Aerodynamisk innløp i messing
- Mulighet for frekvensstyring av luftmengde og turtall
- Leveres med flens som standard
- Kan leveres med ATEX-godkjent motor
- Egnet for transport av trestøv, flis og spon
- Tilgjengelig i flere størrelser fra JK-30MTDP til JK-90MTDP

JK-30MTDP

Motor: IP 55

Supplied with the following motors:

kW	amp.	Weight of motor kg	50 Hz
4,0	7,2	34	2920 min^{-1}

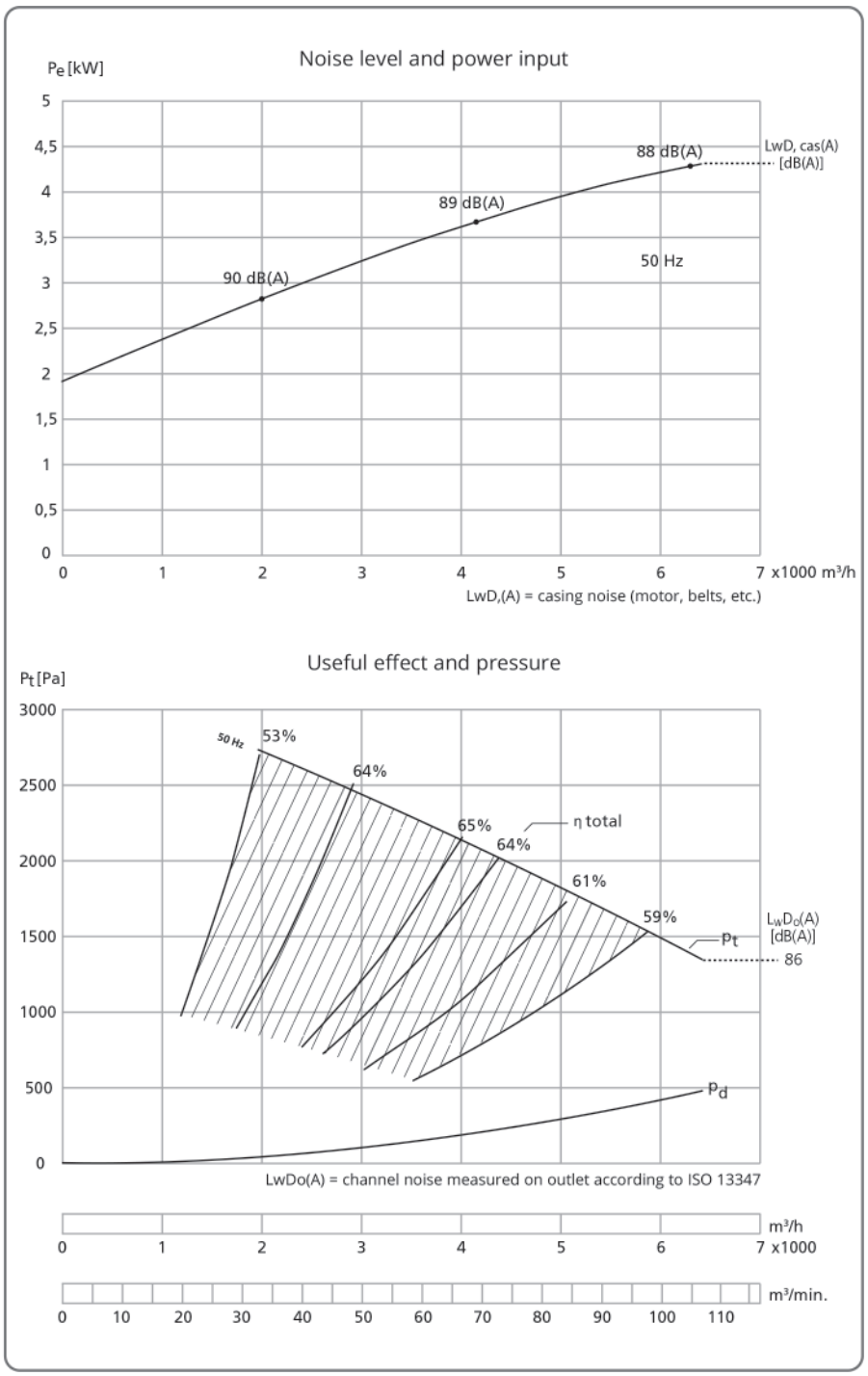
Max. min^{-1}:
Impeller: 3.000 min^{-1}

Operating range:
Air volume: 2.000 - 6.000 m³/h
Pressure: 150 - 250 mmWG

Power supply:
230/400 V

Construction:
Standard housing with motor stand.

Impeller:
Standard.



JK-40MTDP

Motor: IP 55

Supplied with the following motors:

kW	amp.	Weight of motor kg	50 Hz
11,0	19,5	128	2950 min^{-1}

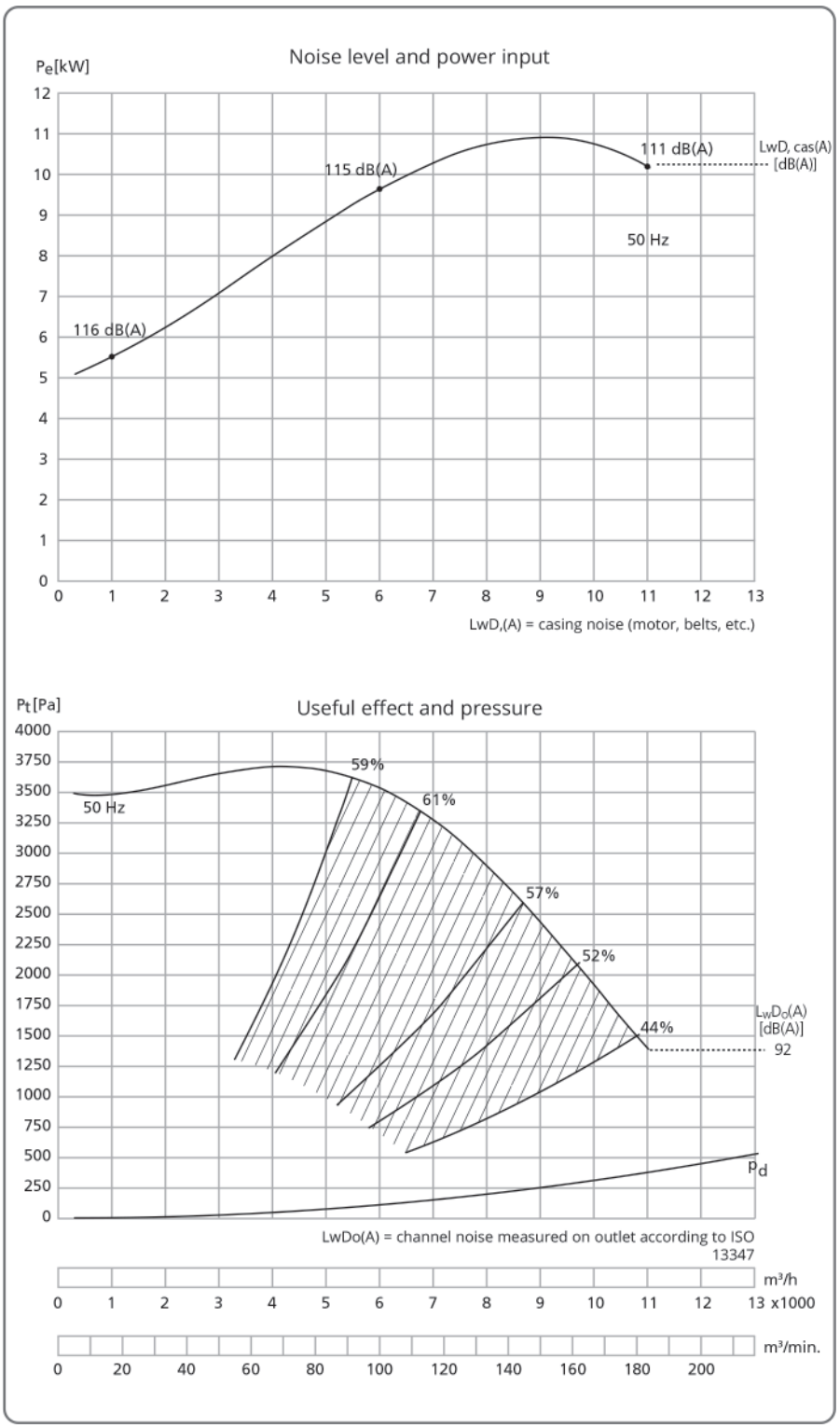
Max. min^{-1}:
Impeller: 3,000 min^{-1}

Operating range:
Air volume: 5,500 – 10,500 m³/h
Pressure: 165 – 365 mm WG

Power supply:
230/400 V

Construction:
Standard housing with motor stand.

Impeller:
Standard.



JK-50MTDP

Motor: IP 55

Supplied with the following motors:

kW	amp.	Weight of motor kg	50 Hz
22,0	38,0	192	2965 min^{-1}

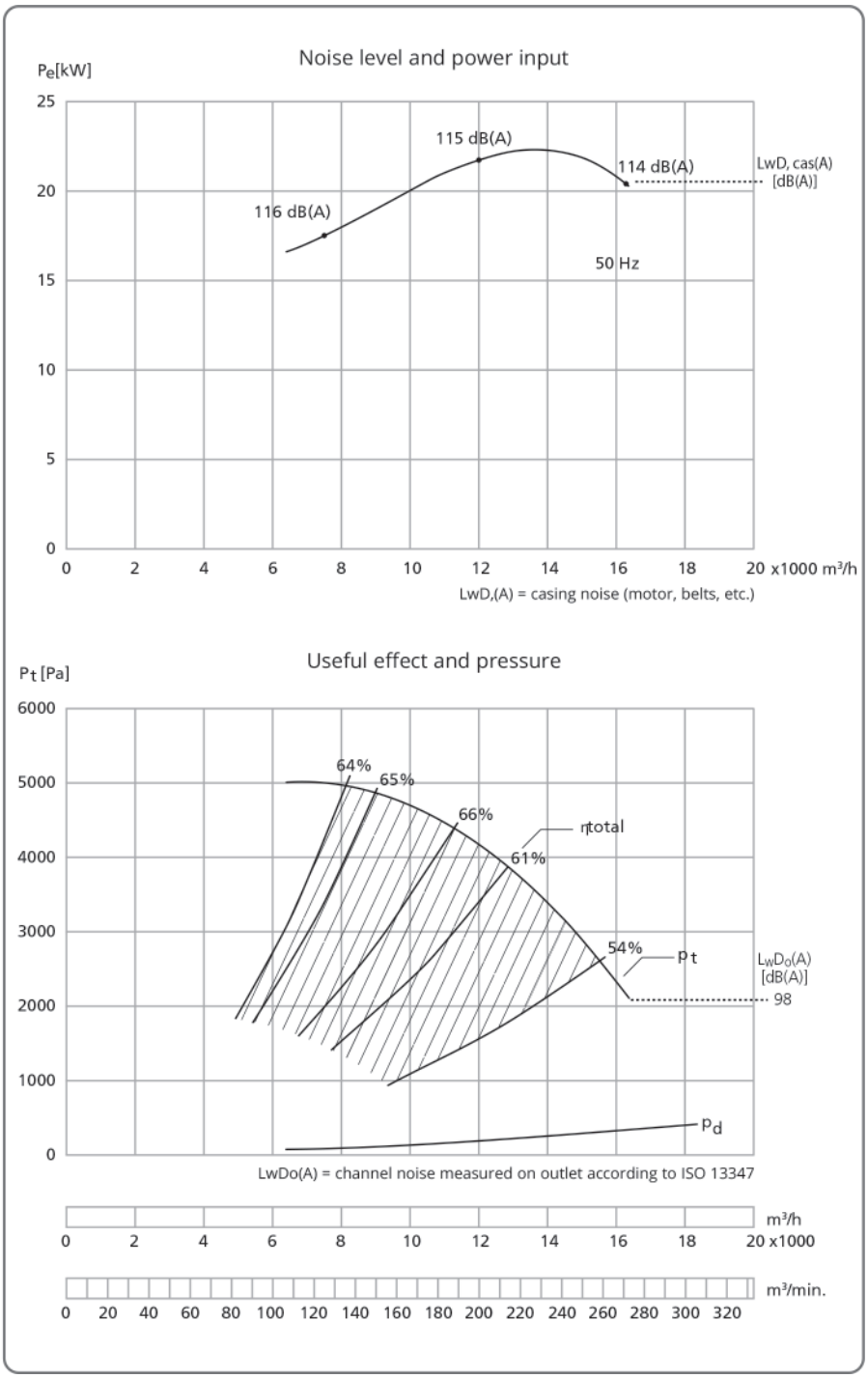
Max. min^{-1}:
Impeller: 3,000 min^{-1}

Operating range:
Air volume: 8,000 – 16,000 m³/h
Pressure: 230 – 500 mm WG

Power supply:
230/400 V

Construction:
Standard housing with motor stand.

Impeller:
Standard.



JK-60MTDP

Motor: IP 55

Supplied with the following motors:

kW	amp.	Weight of motor kg	50 Hz
45,0	77,0	345	1480 min^{-1}

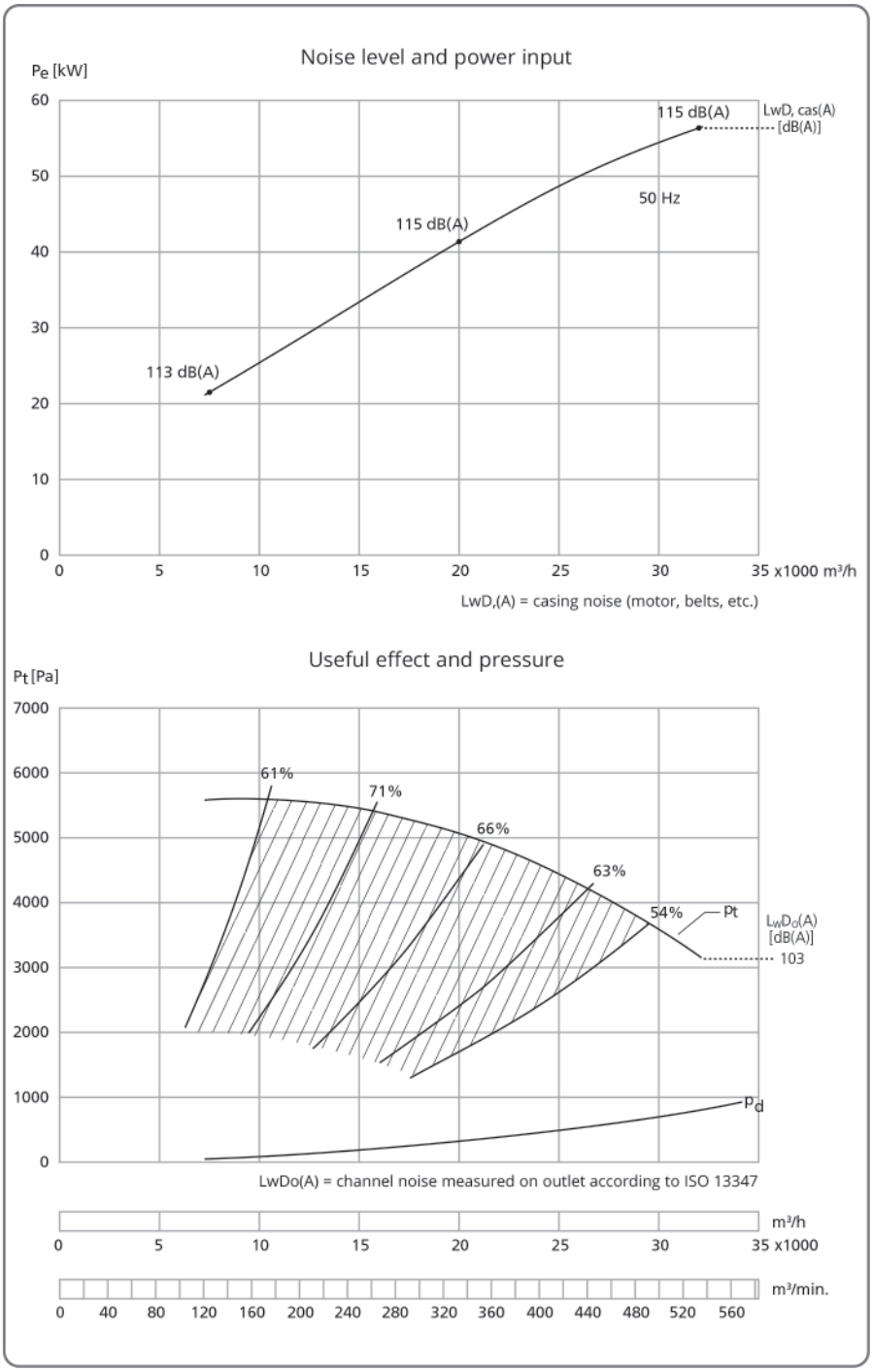
Max. min^{-1}:
Standard impeller: 1,500 min^{-1}.

Operating range:
Air volume: 11,000 - 32,000 m³/h
Pressure: 310 - 560 mmWG

Power supply:
3 × 400 V.

Construction:
Standard housing with motor stand.

Impeller:
Standard.



JK-70MTDP

Motor: IP 55

Supplied with the following motors:

kW	amp.	Weight of motor kg	50 Hz
55,0	96,0	421	1480 min^{-1}

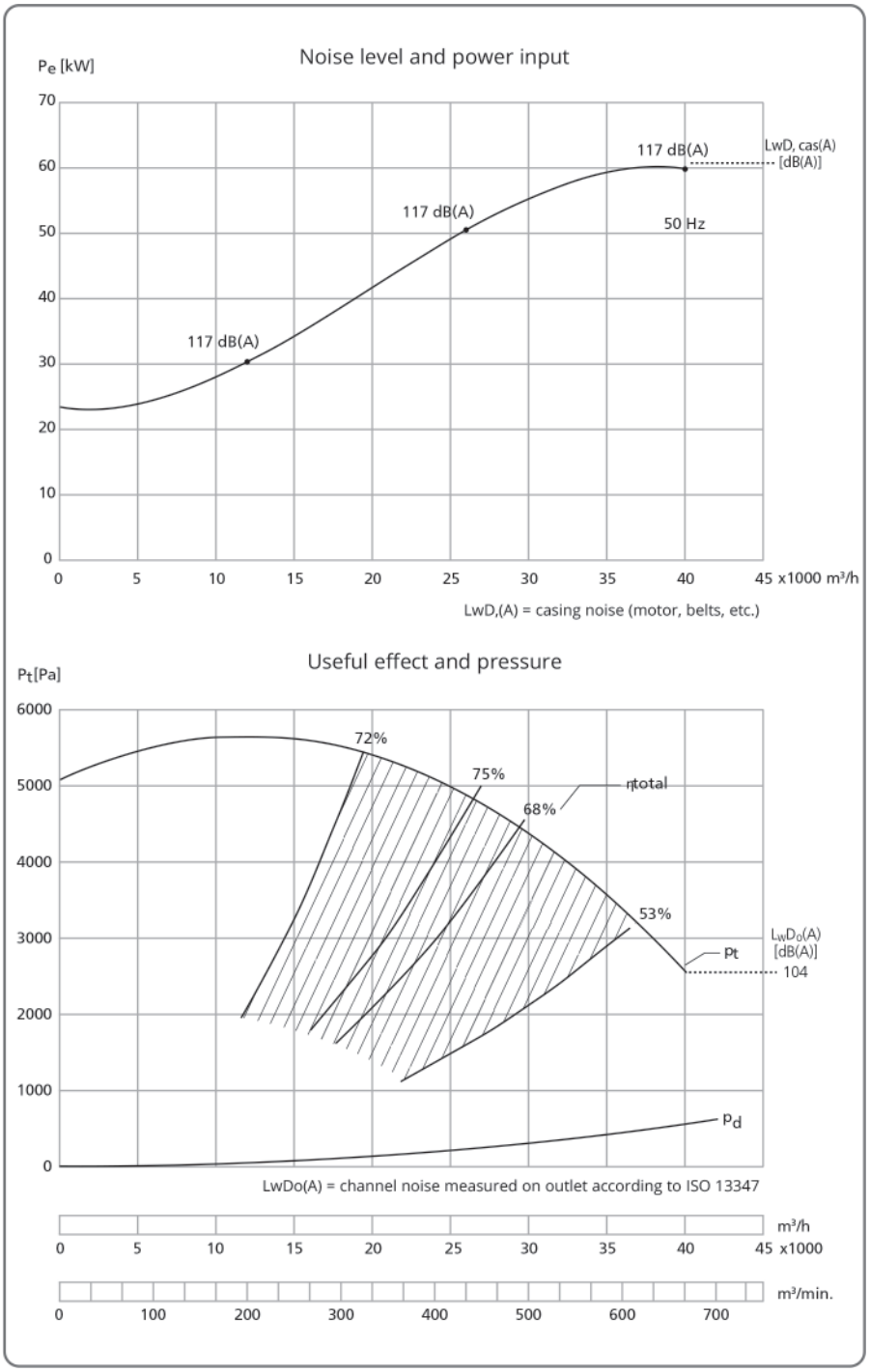
Max. min^{-1}:
Standard impeller: 1,500 min^{-1}.

Operating range:
Air volume: 17,500 - 40,000 m³/h
Pressure: 260 - 550 mmWG

Power supply:
3 × 400 V.

Construction:
Standard housing with motor stand.

Impeller:
Standard.



JK-80MTDP

Motor: IP 55

Supplied with the following motors:

kW	amp.	Weight of motor kg	50 Hz
75,0	130,0	538	1490 min^{-1}

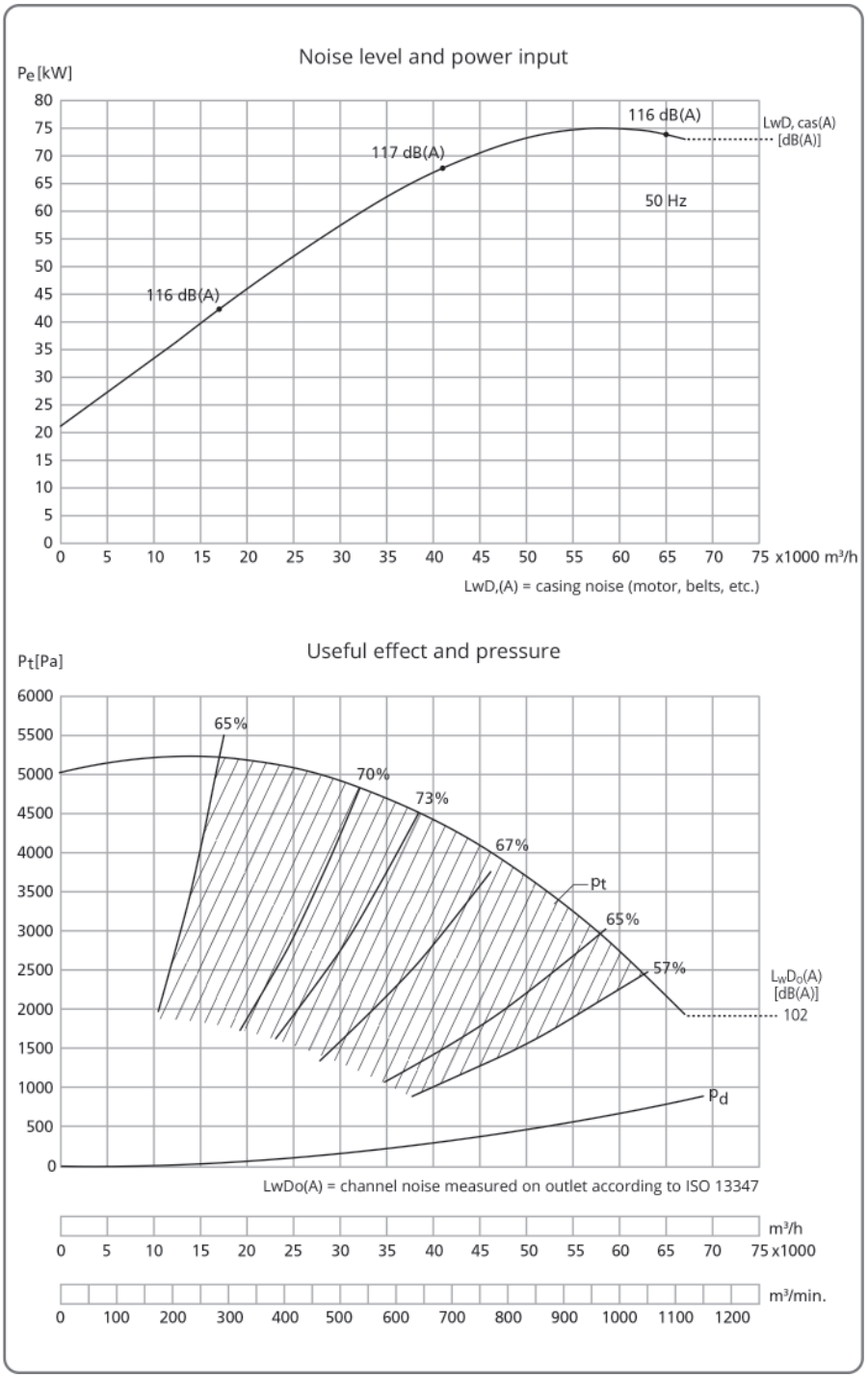
Max. min^{-1}:
Standard impeller: 1,500 min^{-1}.

Operating range:
Air volume: 17,500 - 62,500 m³/h
Pressure: 240 - 520 mmWG

Power supply:
3 × 400 V.

Construction:
Standard housing with motor stand.

Impeller:
Standard.



JK-90MTDP

Motor: IP 55

Supplied with the following motors:

kW	amp.	Weight of motor kg	50 Hz
90,0	153,0	638	1480 min^{-1}

Max. min-1:
Standard impeller: 1.500 min^{-1}.

Operating range:
Air volume: 22,000 - 77,000 m³/h
Pressure: 250 - 480 mmWG

Power supply:
3 × 400 V.

Construction:
Standard housing with motor stand.

Impeller:
Standard.

