GTG
Gebläsetechnik Ges. m. b. H.
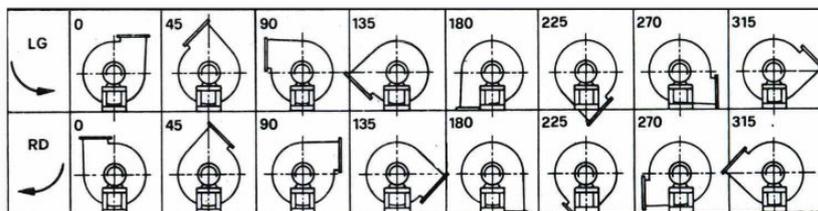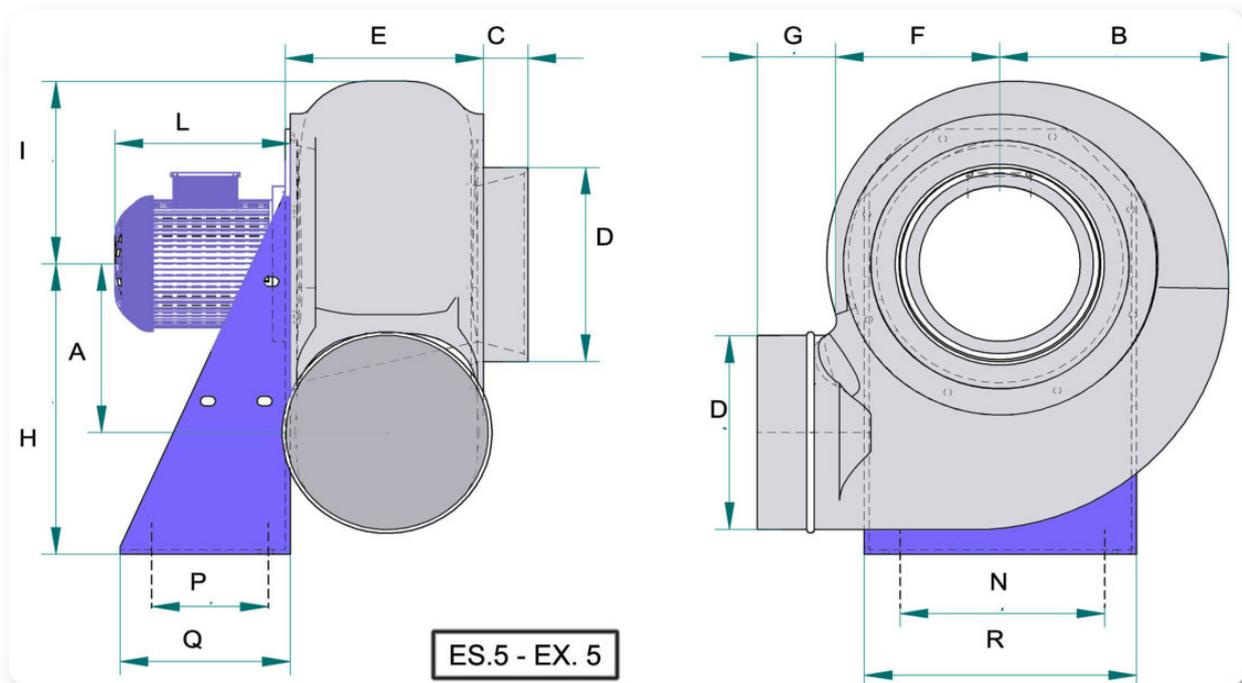www. gtg. at   gtg@gtg.at

Construction Characteristics "P" series

HOUSING: Completely moulded without welding - materials:PP - PPS - PPel - PE - PEes - PEel .

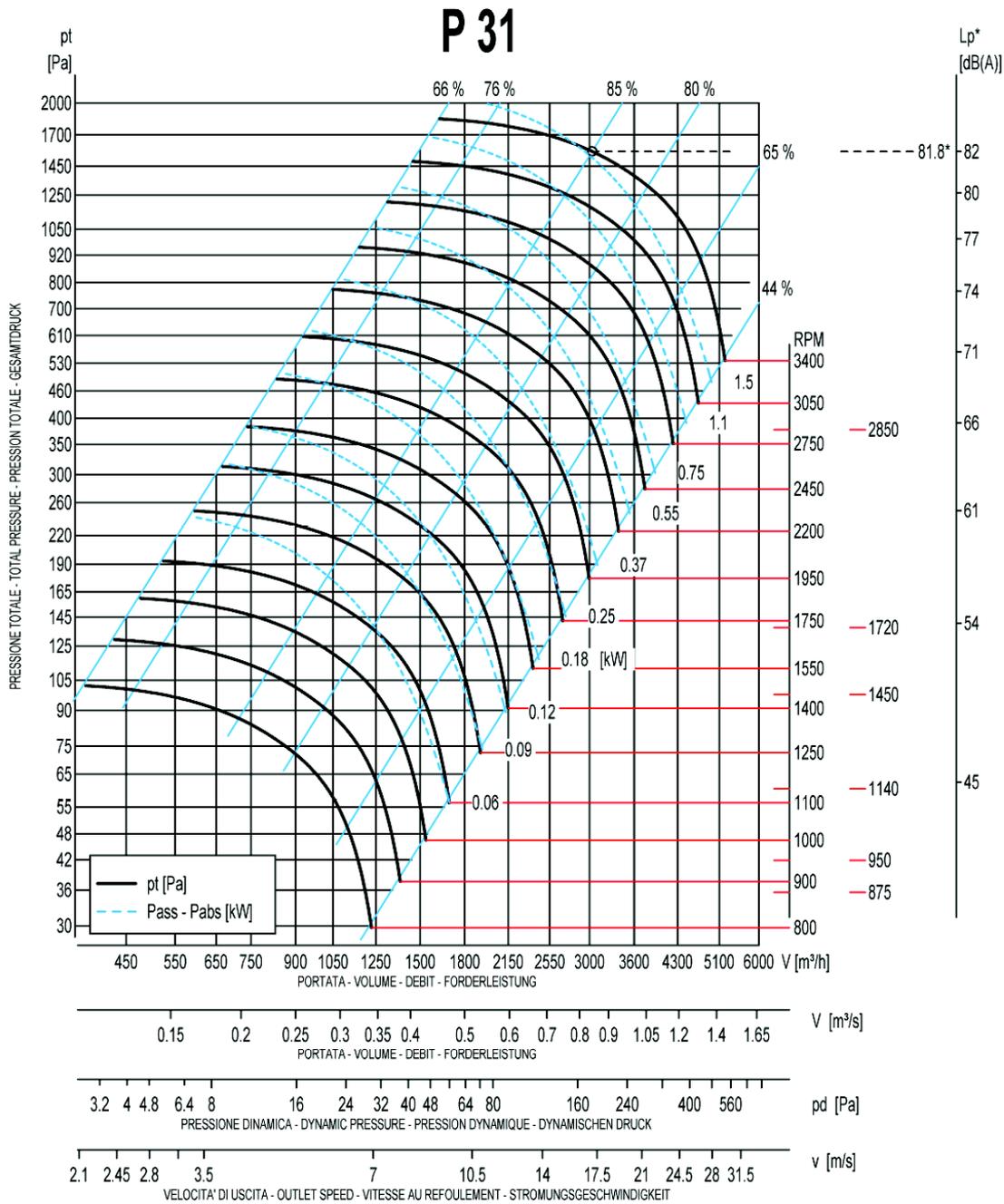IMPELLER: Backward curved blades completely moulded - materials:PP - PPS - PPel - PVDF

MOTOR SUPPORT: Made of epoxy painted sheet steel or stainless steel

MOTOR: B5 for execution 5 - SCREWS: Made of stainless steel.

ES.5 - EX. 5

*Completo di Motore. Il Ventilatore è orientabile. / The fans is revolvable *Motor included

Tipo	Mot.Gr Size	M0t KW	Giri RPM	A	B	C	Ø	E	F	G	H	I	L	N	P	Q	R	S	KG.*	KG.**
P 316	71	0.18	930										210						19	30
P 314	71	0.25	1400	240	280	40	250	200	210	80	410	230	210	320	150	230	355	11	19	30
P 312	90	1.50	2850										245						26	45

P 31

Performance chart axes:

- pt [Pa] (left axis): 2000, 1700, 1450, 1250, 1050, 920, 800, 700, 610, 530, 460, 400, 350, 300, 260, 220, 190, 165, 145, 125, 105, 90, 75, 65, 55, 48, 42, 36, 30
- Efficiency curves: 66 %, 76 %, 85 %, 80 %, 65 %, 44 %
- Lp* [dB(A)] (right axis): 82, 80, 77, 74, 71, 66, 61, 54, 45 — 81.8*
- RPM (left column): 3400, 3050, 2750, 2450, 2200, 1950, 1750, 1550, 1400, 1250, 1100, 1000, 900, 800
- RPM (right column): 2850, 2450, 1720, 1450, 1140, 950, 875
- kW lines: 1.5, 1.1, 0.75, 0.55, 0.37, 0.25, 0.18 [kW], 0.12, 0.09, 0.06

Legend:
- pt [Pa]
- Pass - Pabs [kW]

PRESSIONE TOTALE - TOTAL PRESSURE - PRESSION TOTALE - GESAMTDRUCK

V [m³/h]: 450, 550, 650, 750, 900, 1050, 1500, 1800, 2150, 2550, 3000, 3600, 4300, 5100, 6000

PORTATA - VOLUME - DEBIT - FORDERLEISTUNG

V [m³/s]: 0.15, 0.2, 0.25, 0.3, 0.35, 0.4, 0.5, 0.6, 0.7, 0.8, 0.9, 1.05, 1.2, 1.4, 1.65

PORTATA - VOLUME - DEBIT - FORDERLEISTUNG

pd [Pa]: 3.2, 4, 4.8, 6.4, 8, 16, 24, 32, 40, 48, 64, 80, 160, 240, 400, 560

PRESSIONE DINAMICA - DYNAMIC PRESSURE - PRESSION DYNAMIQUE - DYNAMISCHEN DRUCK

v [m/s]: 2.1, 2.45, 2.8, 3.5, 7, 10.5, 14, 17.5, 21, 24.5, 28, 31.5

VELOCITA' DI USCITA - OUTLET SPEED - VITESSE AU REFOULEMENT - STROMUNGSGESCHWINDIGKEIT

	Livello potenza sonora totale - Total sound power level - Gesamt schalleistungspegel - Niveau totale de puissance sonore - [dB] *								Lp*
RPM	Banda d'ottava - Octave band - Oktav-Band - Bande d'octave [Hz]								dB(A)
	63	125	250	500	1000	2000	4000	8000	
2000	82.9	84.9	82.9	83.9	79.9	74.9	66.9	58.9	69.8
2300	85.9	87.9	85.9	86.9	82.9	77.9	69.9	61.9	72.8
2600	88.7	90.7	88.7	89.7	85.7	80.7	72.7	64.7	75.8
2900	91.1	93.1	91.1	92.1	88.1	83.1	75.1	67.1	78.7
3400	94.6	96.6	94.6	95.6	91.6	86.6	78.6	70.6	81.8

(*) Al massimo rendimento - At max. efficiency - (Distanza-distance-abstand-distance : 1.5 [m])

Temperatura - Temperature - Temperatur - Température : 15 [°] - Densità - Density - Bezugsdichte - Densité : 1.225 [kg/m³]

Tolleranza sulla portata ±5% - Capacity tolerance ±5% - Tolérance sur le débit ±5% - Fördertoleranz ±5%
I valori relativi alla rumorosità sono riferiti ad una misurazione in campo libero,con una tolleranza di +3 dB(A)
Noise values refer to a free field measurement with a tolerance of +3 dB(A)
Les valeurs relatives à la bruyance se réfèrent à un mesurage en champ libre,avec une tolérance de +3 dB(A)
Die die Geräuschentwicklung betreffenden Werte beziehen sich auf eine Freifeld-Messung bei einer Tolleranz von +3 dB(A)

PD² - WD² - GD² - PD² : 0.026 kgm²

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