VKAP-LD In-Line Centrifugal Fans



NEW!

ErP 2015

For Internal Office Use Only

Lindab VKAP-LD circular duct fans are ideal for the low cost supply or extraction of air in ventilation and air conditioning systems. These fans can be installed in any position and come complete with their own mounting bracket. The cases are manufactured from galvanized steel and provide a high degree of air-tightness. The external rotor motors have built in thermal protection with manual reset and maintenance free ball bearings. Motors are rated at IP44 whilst terminal boxes are rated IP55. Efficient backward curved impellors ensure both low sound levels and high performance.

Available in seven sizes from 100mm Dia 315mm Dia and maximum airflow rates from 281 m^3/hr to 1263 m^3/hr and a maximum pressure development of 600Pa

All Lindab VKAP-LD fans comply with ERP 2015.

Not suitable for polluted air, aggressive atmospheres or explosive dust and gases.

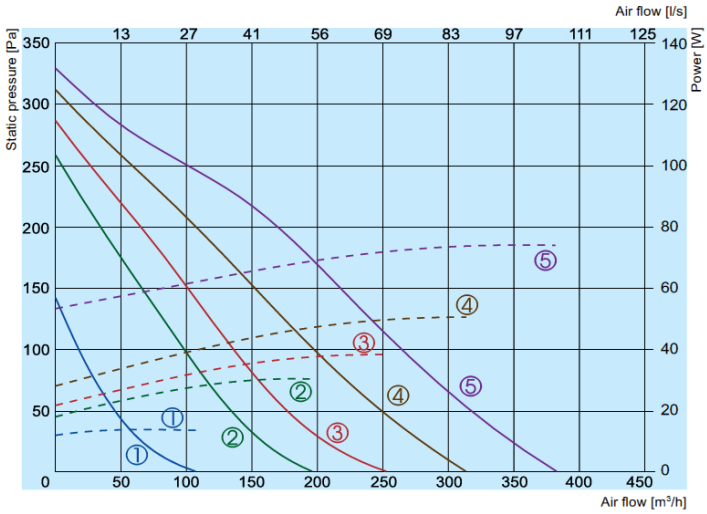
Accessories

A full range of accessories are available with VKAP-LD in-line centrifugal duct fans such as

- Electronic Speed Controllers
- Filter Cassettes
- Electric Heater Batteries
- In-Line Attenuators
- Backdraught Shutters
- Fast Clamps
- Flexible Ducting
- Wall Terminals
- Roof Terminals

Lindab®

VKAP 100 LD 3.0



Performance
Power consumption

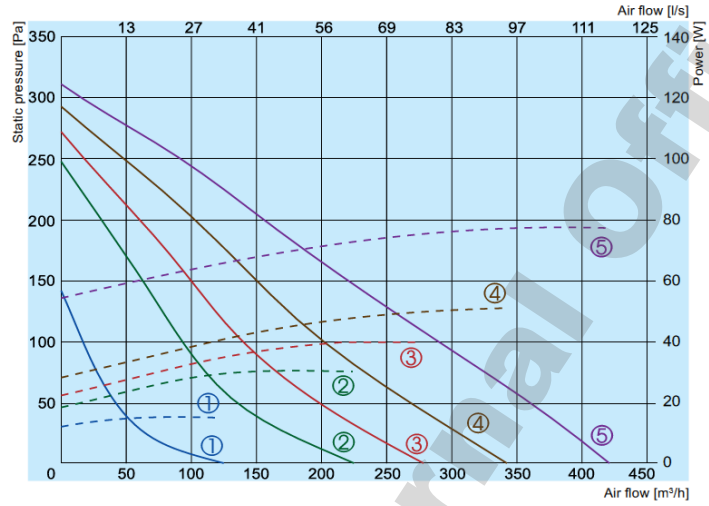
① 80V
② 120V
③ 140V
④ 170V
⑤ 230V

100 LD 3.0

	Lwa total, dB(A)	Lwa, dB(A)						
		125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz
Inlet	70	53	58	60	66	65	58	47
Outlet	71	54	60	61	67	66	58	48
Surrounding	61	34	58	44	55	54	47	37

Measured at 257 m³/h, 104 Pa

VKAP 125 LD 3.0



Performance
Power consumption

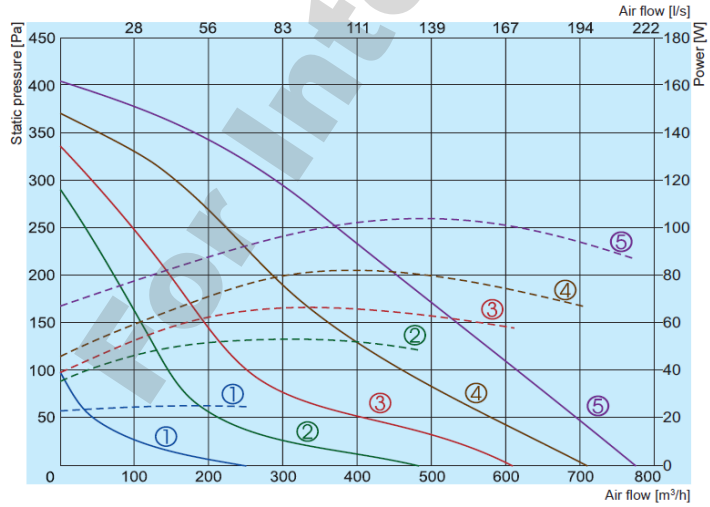
① 80V
② 120V
③ 140V
④ 170V
⑤ 230V

125 LD 3.0

	Lwa total, dB(A)	Lwa, dB(A)						
		125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz
Inlet	69	50	54	63	65	64	56	47
Outlet	68	49	53	61	64	63	55	45
Surrounding	56	28	29	45	53	52	44	35

Measured at 280 m³/h, 104 Pa

VKAP 150 LD 3.0



Performance
Power consumption

① 80V
② 120V
③ 140V
④ 170V
⑤ 230V

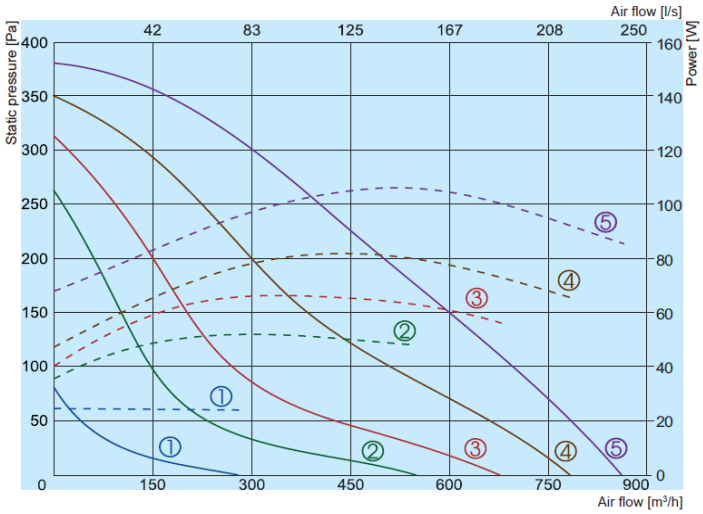
150 LD 3.0

	Lwa total, dB(A)	Lwa, dB(A)						
		125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz
Inlet	74	51	66	67	71	62	61	53
Outlet	75	52	67	68	72	64	63	50
Surrounding	62	30	49	51	60	52	50	36

Measured at 595 m³/h, 112 Pa

For Internal Office Use Only

VKAP 160 LD 3.0



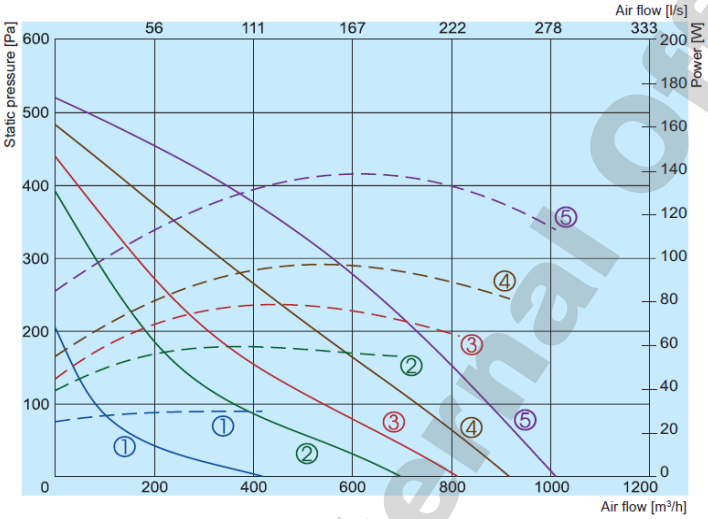
Performance
Power consumption

① 80V
② 120V
③ 140V
④ 170V
⑤ 230V

160 LD 3.0	LWA total, dB(A)	Lwa, dB(A)						
		125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz
Inlet	74	52	67	68	71	62	62	52
Outlet	75	52	68	68	72	64	63	51
Surrounding	61	31	49	52	59	52	51	36

Measured at 685 m³/h, 104 Pa

VKAP 200 LD 3.0



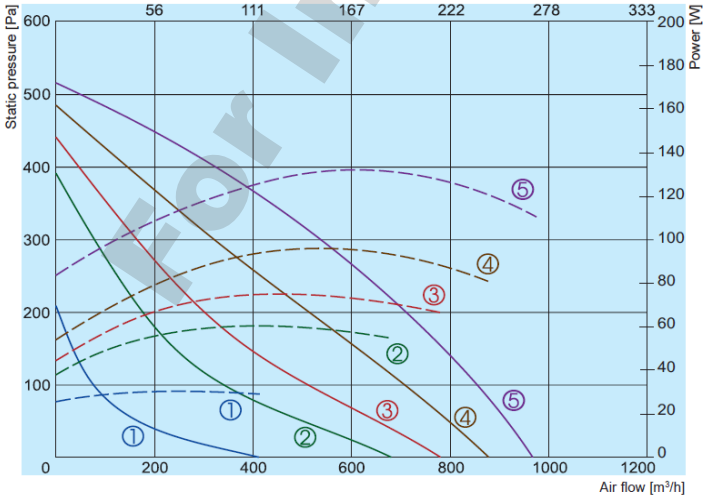
Performance
Power consumption

① 80V
② 120V
③ 140V
④ 170V
⑤ 230V

200 LD 3.0	LWA total, dB(A)	Lwa, dB(A)						
		125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz
Inlet	73	53	60	66	69	66	65	63
Outlet	74	54	62	65	70	67	67	63
Surrounding	58	25	35	46	53	55	47	45

Measured at 846 m³/h, 123 Pa

VKAP 250 LD 3.0



Performance
Power consumption

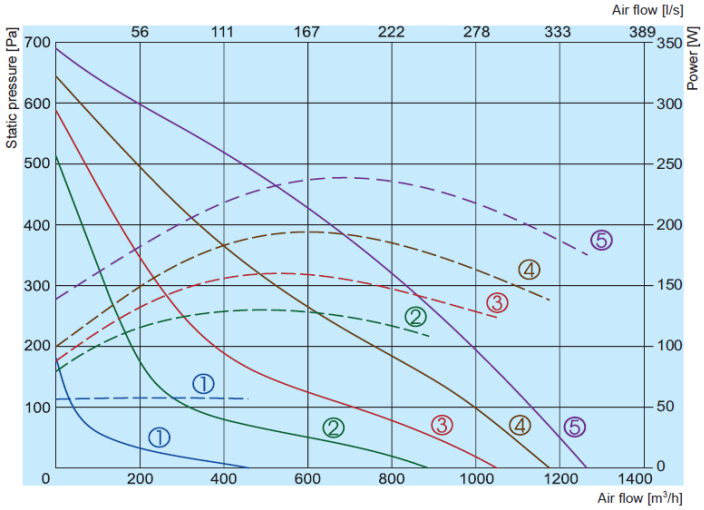
① 80V
② 120V
③ 140V
④ 170V
⑤ 230V

250 LD 3.0	LWA total, dB(A)	Lwa, dB(A)						
		125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz
Inlet	74	54	62	67	69	67	67	65
Outlet	75	55	63	66	70	68	67	67
Surrounding	55	33	38	47	50	48	47	46

Measured at 810 m³/h, 123 Pa

For Internal Office Use Only

VKAP 315 LD 3.0



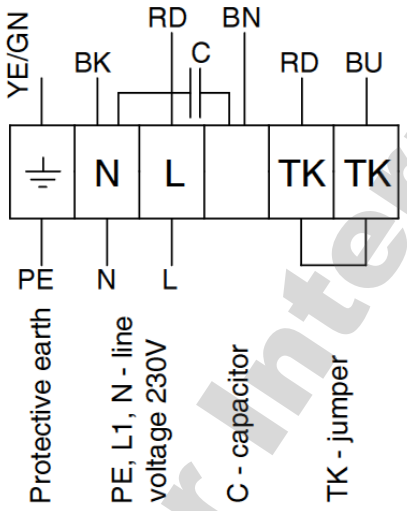
315 LD 3.0

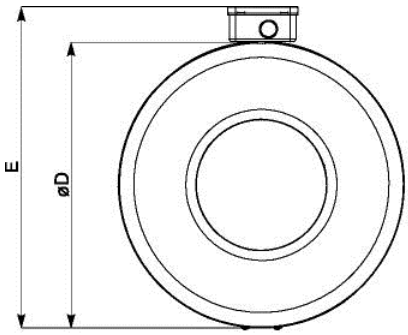
	Lwa total, dB(A)	Lwa, dB(A) 125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz
Inlet	73	50	59	67	68	66	65	64
Outlet	74	51	60	66	69	67	66	65
Surrounding	53	33	38	45	48	47	45	43

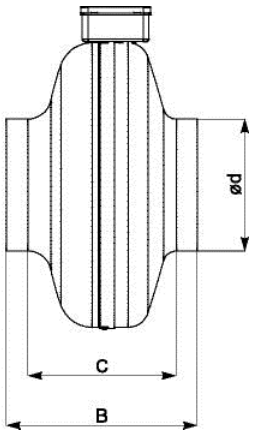
Measured at 1080 m³/h, 149 Pa

The fan characteristic curves were determined in accordance with EN ISO 5801. The sound levels were determined in accordance with DIN 45635 resp. ISO 3744 at a distance of 1 m from the fan.

		100LD3.0	125 LD 3.0	150 LD 3.0	160 LD 3.0	200 LD 3.0	250 LD 3.0	315 LD 3.0
Voltage	V/Hz	230/50	230/50	230/50	230/50	230/50	230/50	230/50
Power	Kw	0.074	0.077	0.105	0.106	0.135	0.132	0.238
Curent	A	0.31	0.32	0.44	0.45	0.56	0.56	1.06
Speed	RPM	2800	2800	2800	2800	2660	2460	2600
Capacitor	uF	2	2	2	2	4	4	5
Max Airflow	m3/h	379	421	773	866	1007	967	1263
Max Air Temp	°C	40	40	40	40	40	40	40
Weight	Kg	3	3	3	4	4.7	4.7	6
Protection Class	Motor	IP-44	IP-44	IP-44	IP-44	IP-44	IP-44	IP-44
	Terminal Box	IP-55	IP-55	IP-55	IP-55	IP-55	IP-55	IP-55







Type	Dimensions [mm] B	C	øD	ød	E
VKAP 100 LD 3.0	189	152	244	100	287
VKAP 125 LD 3.0	182	143	243	125	286
VKAP 150 LD 3.0	217	166	344	150	387
VKAP 160 LD 3.0	217	166	344	160	387
VKAP 200 LD 3.0	231	179	344	200	387
VKAP 250 LD 3.0	230	167	344	250	387
VKAP 315 LD 3.0	256	188	402	315	444

For Internal Office Use Only

Basildon
7 Repton Close, Burnt Mills, Basildon,
Essex, SS13 1LN
Tel: 01268 • 532016
Fax: 01268 • 272156
E-mail: basildon.sales@lindab.co.uk

Belfast
Units 18, 19 & 20, Duncrue Industrial Park, Duncrue Road,
Belfast, BT3 9BP
Tel: 028 • 9078 1607
Fax: 028 • 9078 1551
E-mail: belfast.sales@lindab.co.uk

Birmingham
Unit 9, Demuth Way, Oldbury, Warley, West Midlands,
B69 4LT
Tel: 0121 • 552 6100
Fax: 0121 • 552 8813
E-mail: birmingham.sales@lindab.co.uk

Bristol
Units 16 & 17, Eldonwall Industrial Estate, Eldon Way,
Whitby Road, Bristol, BS4 3QQ
Tel: 0117 • 977 1345
Fax: 0117 • 971 3123
E-mail: bristol.sales@lindab.co.uk

Cardiff
Units T9 and T10, Capital Point, Capital Business Park,
Wentloog, Cardiff, CF3 2PX
Tel: 029 • 2079 4503
Fax: 029 • 2079 5550
E-mail: cardiff.sales@lindab.co.uk

Croydon
Unit 6, Stafford Cross Industrial Estate, Stafford Road,
Croydon, Surrey, CR0 4NH
Tel: 020 • 8603 0850
Fax: 020 • 8686 1018
E-mail: southlondon.sales@lindab.co.uk

Enfield
10 Woodall Road, Redburn Industrial Estate,
Enfield, Middlesex, EN3 4LE
Tel: 020 • 8805 3656
Fax: 020 • 8805 0558
E-mail: enfield.sales@lindab.co.uk

Exeter
Unit 24, Crossgrange Trading Estate, Fairfax Road,
Heathfield Industrial Estate, Newton Abbot, Devon, TQ12 6UD
Tel: 01626 • 835032
Fax: 01626 • 834478
E-mail: exeter.sales@lindab.co.uk

Gateshead
Unit 304A, Ninth Avenue East, Team Valley Trading Estate,
Gateshead, Tyne & Wear, NE11 0EH
Tel: 0191 • 482 5995
Fax: 0191 • 491 4145
E-mail: newcastle.sales@lindab.co.uk

Glasgow
221 Maclellan Street, Kinning Park, Glasgow,
G41 1RR
Tel: 0141 • 419 3800
Fax: 0141 • 419 3801
E-mail: glasgow.sales@lindab.co.uk

High Wycombe
Unit 3B, Hill Court, Hillbottom Road, Sands Industrial Estate,
High Wycombe, Bucks, HP12 4ED
Tel: 01494 • 463490
Fax: 01494 • 471507
E-mail: highwycombe.sales@lindab.co.uk

Kent
Unit 5, Lower Road, Northfleet Industrial Estate,
Northfleet, Kent, DA11 9BL
Tel: 01474 • 579800
Fax: 01474 • 361185
E-mail: kent.sales@lindab.co.uk

Leeds
Units B3 & B4, Latchmore Park, Latchmore Road,
Leeds LS12 6DN
Tel: 0113 • 297 1111
Fax: 0113 • 297 1122
E-mail: leeds.sales@lindab.co.uk

Leicester
Unit 6, Chiswick Road, Freemans Common,
Leicester, LE2 7SX
Tel: 0116 • 255 6044
Fax: 0116 • 255 6054
E-mail: leicester.sales@lindab.co.uk

Lincoln
Unit 1-3, Dean Road, Outer Circle Road, Lincoln,
LN2 4DR
Tel: 01522 • 567087
Fax: 01522 • 563525
E-mail: lincoln.sales@lindab.co.uk

Manchester
Unit 11B, Central Park Trading Estate, Mosley Road,
Trafford Park, Manchester, M17 1PG
Tel: 0161 • 876 0688
Fax: 0161 • 876 0858
E-mail: manchestertp.sales@lindab.co.uk

Norwich
Units C2 to C4, Eastern Court, Longwater Business Park,
Norwich, NR5 0JU
Tel: 01603 • 747532
Fax: 01603 • 745110
E-mail: norwich.sales@lindab.co.uk

Nottingham
Units 6 & 7, Linkmel Close, Queens Drive Industrial Estate,
Nottingham, NG2 1NA
Tel: 0115 • 985 1923
Fax: 0115 • 985 1924
E-mail: nottingham.sales@lindab.co.uk

Sheffield
Unit 3, Carlisle Court, England, Carlisle Street East,
Attercliffe, Sheffield, S4 8DT
Tel: 0114 • 244 5444
Fax: 0114 • 244 8887
E-mail: sheffield.sales@lindab.co.uk

Southampton
Unit 2, Mayflower Close, Chandlers Ford Industrial Estate,
Chandlers Ford, Eastleigh, Hants, SO53 4AR
Tel: 023 • 8026 2111
Fax: 023 • 8026 2595
E-mail: southampton.sales@lindab.co.uk

Stoke-on-Trent
Unit 5, Etruria Trading Estate, Etruria Way, Basford,
Stoke-on-Trent, ST4 6JQ
Tel: 01782 • 383460
Fax: 01782 • 383461
E-mail: stoke.sales@lindab.co.uk

Lindab®
www.lindab.co.uk