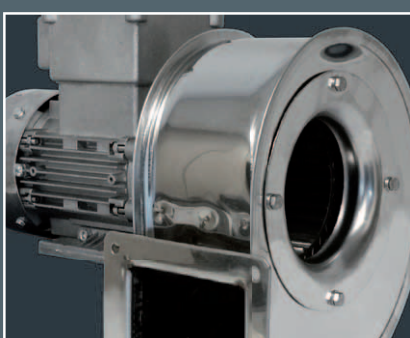
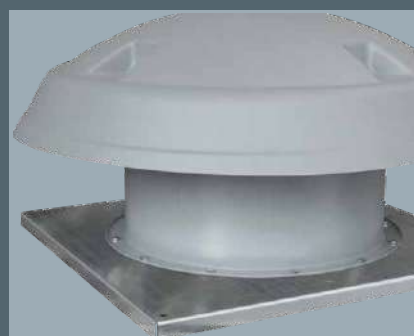




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> CCB

Ventilatori assiali intubati biforcati

Bifurcated duct axial fans



La serie non rientra nel campo di applicazione della Direttiva ErP 2009/125/CE e successivi Regolamenti.

The series is not affected by the ErP Directive 2009/125/CE and further Regulations.

DESCRIZIONE GENERALE

La serie CCB è destinata ad impianti per l'estrazione di fumi caldi, atmosfere umide e sature di grasso o polvere, in cui il motore deve essere completamente isolato dal fluido convogliato.

Ad esempio sono utilizzati per l'estrazione d'aria da cucine, cabine di verniciatura, fornaci, fonderie...

L'installazione e la manutenzione sono facilitate grazie al montaggio "in linea" con il canale.

Gli apparecchi della serie CCB sono progettati per il funzionamento con aria con temperatura superiore a +100°C fino a +200°C in servizio continuo.

COSTRUZIONE

- Cassa in acciaio inox AISI 304, con cassetta portamotore stagna, con flangia di fissaggio realizzata a norma ISO 13351.
- Girante con pale a profilo alare in alluminio e mozzo in fusione di lega d'alluminio, ad alta efficienza, bilanciata secondo ISO 1940. Angolo di calettamento variabile da fermo.
- Esecuzione 4 (accoppiamento diretto con girante a sbalzo) e flusso aria da girante a motore.
- Motore asincrono trifase o monofase a norme internazionali IEC 60034, IEC 60072, EMC 2004/108/CE, LVD 2006/95/CE e marcato CE IP55, classe F. Servizio S1 (funzionamento continuo a carico costante).

ACCESSORI

- Rete di protezione piana (CCr)
- Giunto antivibrante (CCga)
- Staffe di fissaggio (CCst)
- Boccaglio in aspirazione (CCbo)
- Silenziatori con e senza ogiva con tre diverse lunghezze (CCsa e CCsb)
- Controflange (CCf)
- Controflange con collare (CCfc)
- Supporti antivibranti

A RICHIESTA

- Cassa in lamiera d'acciaio verniciata a polveri epossidiche.

GENERAL DESCRIPTION

The bifurcated CCB fans are designed for conveying hot smoke, fumes and vapours, fluids with high humidity and/or saturated by grease, oil or particles, where the motor has to be totally out of the air flow. For example, they are used in professional kitchens, painting booths, furnaces, foundries, cooling/evaporative tower, etc.

Distinguished by easy installation and maintenance. The casing is double ended with standard flanges, allowing its installation either along the ducting or at both ends. The fans of the CCB series are designed for conveying air with a temperature higher than +100°C and up to +200°C in continuous service.

CONSTRUCTION

- Stainless steel AISI 304 casing, with airtight motor housing, with fixing flanges manufactured according to ISO 13351.
- High performance axial impeller with aerofoil profile blades and hub in die-cast aluminium, balanced according to ISO 1940. Variable pitch angle.
- Execution 4 (with impeller directly coupled to motor with feet) and airflow from impeller to motor.
- Asynchronous three-phase or single-phase motors according to international standards IEC 60034, IEC 60072, EMC 2004/108/CE, LVD 2006/95/CE, CE marked, IP 55, class F. Suitable to S1 service (continuous working at constant load).

ACCESSORIES

- Flat protection guard (CCr)
- Flexible connectors (CCga)
- Support feet (CCst)
- Inlet/outlet bell mouth (CCbo)
- Silencers, with and without pod, in three lengths (CCsa and CCsb)
- Counter flange (CCf)
- Counter flange with collar (CCfc)
- Anti-vibration mounts.

UPON REQUEST

- Casing in steel sheet with epoxy paint.

sez.
1.3

Le prestazioni aeruliche sono rilevate in conformit  alla norma EN ISO 5801-AMCA 210 con densit  dell'aria standard avente peso specifico 1.2 kg/m³. Alimentazione 230V/1Ph/50Hz o 400V/3Ph/50Hz.

Air performances measured according to EN ISO 5801 / AMCA 210 standard with air density with 1.2 kg/m³ specific weight. Power supply 230V/1Ph/50Hz or 400V/3Ph/50Hz.

L_p: Livello di pressione sonora rilevato in condizioni di campo libero, propagazione emisferica, categoria di misura C a norma EN ISO 13349, nel punto di massimo rendimento, alla distanza di 3 metri dal lato aspirazione e si presenta solo per fini comparativi.
L_w: Livello di potenza sonora ottenuto secondo norma ISO 3746. Tolleranza +/- 3 dB(A).

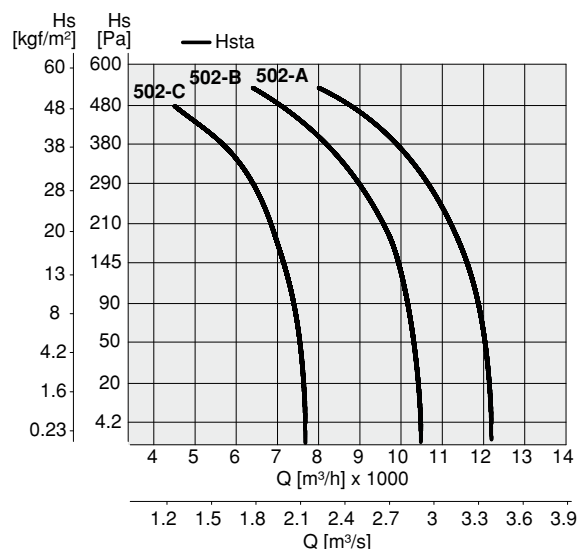
L_p: Sound pressure level measured in free field conditions, propagation hemispherical, measurement category C in accordance with EN ISO 13349, at the point of maximum efficiency, at a distance of 3 meters (for comparative purposes only).
L_w: Sound power level obtained in accordance with EN ISO 3746. Tolerance +/- 3 dB(A).

CCB 500 - 2 poli

Cod.	Tipo Type	Modello Model	U	P	P _m (kW)	I _n (A)	IP/CL	Mot. (Gr)
1CC5342	CCB	502-A	T	2	4,00	7,61	55/F	100
1CC5343	CCB	502-B	T	2	3,00	5,94	55/F	100
1CC5344	CCB	502-C	T	2	2,20	4,51	55/F	90

Livelli sonori - Sound levels / dB(A)

[Hz]	63	125	250	500	1000	2000	4000	8000	TOT
CCB 502A Lw	55	66	75	87	81	79	76	71	89
CCB 502A Lp	37	48	57	69	63	61	58	53	71
CCB 502B Lw	54	65	74	86	80	78	75	70	88
CCB 502B Lp	36	47	56	68	62	60	57	52	70
CCB 502C Lw	51	62	72	83	77	75	72	67	85
CCB 502C Lp	33	44	54	65	59	57	54	49	68

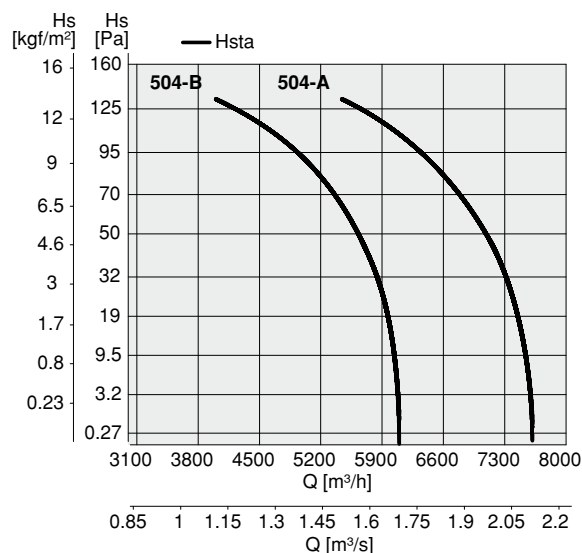


CCB 500 - 4 poli

Cod.	Tipo Type	Modello Model	U	P	P _m (kW)	I _n (A)	IP/CL	Mot. (Gr)
1CC5345	CCB	504-A	T	4	0,75	1,90	55/F	80
1CC5346	CCB	504-B	T	4	0,55	1,50	55/F	80

Livelli sonori - Sound levels / dB(A)

[Hz]	63	125	250	500	1000	2000	4000	8000	TOT
CCB 504A Lw	42	53	69	67	68	66	63	58	74
CCB 504A Lp	24	35	51	49	50	48	45	40	57
CCB 504B Lw	40	51	67	65	66	64	61	56	72
CCB 504B Lp	22	33	49	47	48	46	43	38	55

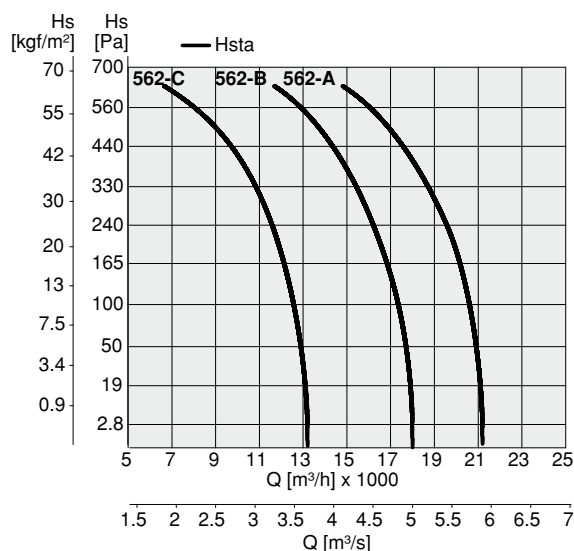


CCB 560 - 2 poli

Cod.	Tipo Type	Modello Model	U	P	P _m (kW)	I _n (A)	IP/CL	Mot. (Gr)
1CC5611	CCB	562-A	T	2	9,20	16,16	55/F	132
1CC5612	CCB	562-B	T	2	7,50	13,90	55/F	132
1CC5613	CCB	562-C	T	2	4,00	7,49	55/F	112

Livelli sonori - Sound levels / dB(A)

[Hz]	63	125	250	500	1000	2000	4000	8000	TOT
CCB 562A Lw	57	68	78	89	83	81	78	73	91
CCB 562A Lp	39	50	60	71	65	63	60	55	74
CCB 562B Lw	55	66	76	87	81	79	76	71	89
CCB 562B Lp	37	48	58	69	63	61	58	53	72
CCB 562C Lw	53	64	73	85	79	77	74	69	87
CCB 562C Lp	35	46	55	67	61	59	56	51	69



Le prestazioni aeruliche sono rilevate in conformit  alla norma EN ISO 5801-AMCA 210 con densit  dell'aria standard avente peso specifico 1.2 kg/m³. Alimentazione 230V/1Ph/50Hz o 400V/3Ph/50Hz.

L_p: Livello di pressione sonora rilevato in condizioni di campo libero, propagazione emisferica, categoria di misura C a norma EN ISO 13349, nel punto di massimo rendimento, alla distanza di 3 metri dal lato aspirazione e si presenta solo per fini comparativi.
L_w: Livello di potenza sonora ottenuto secondo norma ISO 3746. Tolleranza +/- 3 dB(A).

Air performances measured according to EN ISO 5801 / AMCA 210 standard with air density with 1.2 kg/m³ specific weight. Power supply 230V/1Ph/50Hz or 400V/3Ph/50Hz.

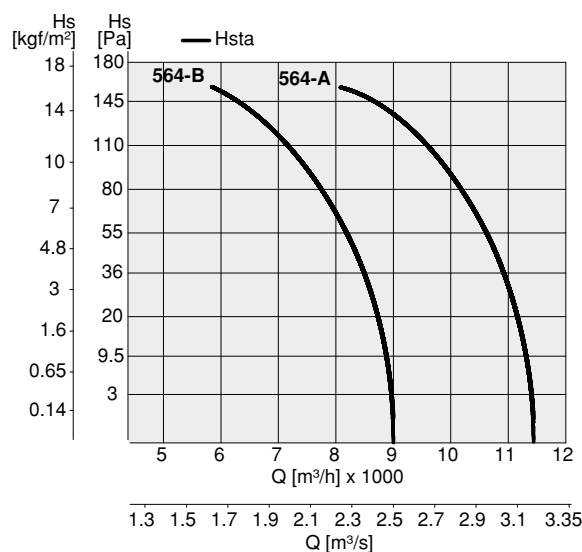
L_p: Sound pressure level measured in free field conditions, propagation hemispherical, measurement category C in accordance with EN ISO 13349, at the point of maximum efficiency, at a distance of 3 meters (for comparative purposes only).
L_w: Sound power level obtained in accordance with EN ISO 3746. Tolerance +/- 3 dB(A).

CCB 560 - 4 poli

Cod.	Tipo Type	Modello Model	U	P	P _m (kW)	I _n (A)	IP/CL	Mot. (Gr)
1CC5614	CCB	564-A	T	4	1,50	3,17	55/F	90
1CC5615	CCB	564-B	T	4	1,10	2,36	55/F	90

Livelli sonori - Sound levels / dB(A)

[Hz]	63	125	250	500	1000	2000	4000	8000	TOT
CCB 564A Lw	44	55	71	69	70	68	65	60	76
CCB 564A Lp	26	37	53	51	52	50	47	42	59
CCB 564B Lw	40	51	68	65	66	64	61	56	72
CCB 564B Lp	22	33	50	47	48	46	43	38	55

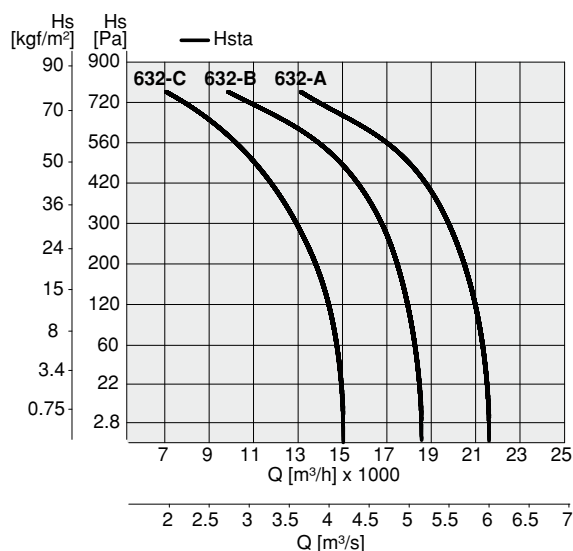


CCB 630 - 2 poli

Cod.	Tipo Type	Modello Model	U	P	P _m (kW)	I _n (A)	IP/CL	Mot. (Gr)
1CC6324	CCB	632-A	T	2	9,20	16,16	55/F	132
1CC6325	CCB	632-B	T	2	7,50	13,90	55/F	132
1CC6326	CCB	632-C	T	2	5,50	10,40	55/F	132

Livelli sonori - Sound levels / dB(A)

[Hz]	63	125	250	500	1000	2000	4000	8000	TOT
CCB 632A Lw	59	70	80	91	85	83	80	75	93
CCB 632A Lp	41	52	62	73	67	65	62	57	76
CCB 632B Lw	58	69	78	90	84	82	79	74	92
CCB 632B Lp	40	51	60	72	66	64	61	56	74
CCB 632C Lw	57	68	77	89	83	81	78	73	91
CCB 632C Lp	39	50	59	71	65	63	60	55	73

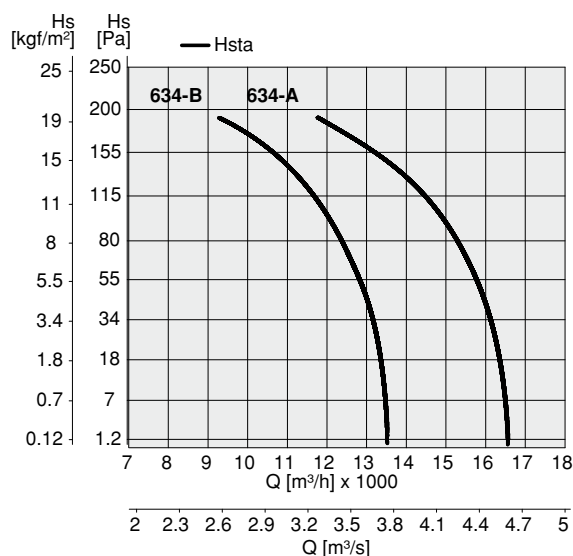


CCB 630 - 4 poli

Cod.	Tipo Type	Modello Model	U	P	P _m (kW)	I _n (A)	IP/CL	Mot. (Gr)
1CC6327	CCB	634-A	T	4	3,00	6,39	55/F	100
1CC6328	CCB	634-B	T	4	2,20	4,80	55/F	100

Livelli sonori - Sound levels / dB(A)

[Hz]	63	125	250	500	1000	2000	4000	8000	TOT
CCB 634A Lw	49	60	76	74	75	73	70	65	81
CCB 634A Lp	31	42	58	56	57	55	52	47	64
CCB 634B Lw	46	57	74	71	72	70	67	62	78
CCB 634B Lp	28	39	56	53	54	52	49	44	61



Le prestazioni aerauliche sono rilevate in conformità alla norma EN ISO 5801-AMCA 210 con densità dell'aria standard avente peso specifico 1.2 kg/m³.
Alimentazione 230V/1Ph/50Hz o 400V/3Ph/50Hz.

Lp: Livello di pressione sonora rilevato in condizioni di campo libero, propagazione emisferica, categoria di misura C a norma EN ISO 13349, nel punto di massimo rendimento, alla distanza di 3 metri dal lato aspirazione e si presenta solo per fini comparativi.
Lw: Livello di potenza sonora ottenuto secondo norma ISO 3746. Tolleranza +/- 3 dB(A).

Air performances measured according to EN ISO 5801 / AMCA 210 standard with air density with 1.2 kg/m³ specific weight.
Power supply 230V/1Ph/50Hz or 400V/3Ph/50Hz

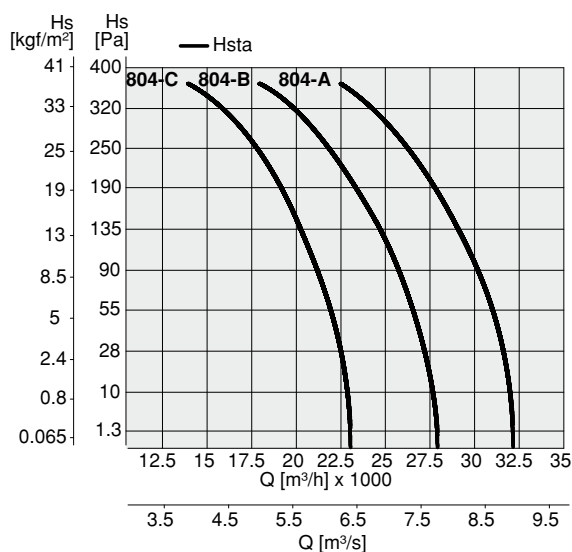
Lp: Sound pressure level measured in free field conditions, propagation hemispherical, measurement category C in accordance with EN ISO 13349, at the point of maximum efficiency, at a distance of 3 meters (for comparative purposes only).
Lw: Sound power level obtained in accordance with EN ISO 3746. Tolerance +/- 3 dB(A).

CCB 800 - 4 poli

Cod.	Tipo Type	Modello Model	U	P	Pm (kW)	In (A)	IP/CL	Mot. (Gr)
1CC8005	CCB	804-A	T	4	9,20	16,71	55/F	132
1CC8003	CCB	804-B	T	4	7,50	14,38	55/F	132
1CC8002	CCB	804-C	T	4	5,50	10,74	55/F	132

Livelli sonori - Sound levels / dB(A)

[Hz]	63	125	250	500	1000	2000	4000	8000	TOT
CCB 804A Lw	58	69	85	83	84	82	79	74	90
CCB 804A Lp	40	51	67	65	66	64	61	56	73
CCB 804B Lw	59	70	87	84	85	83	80	75	91
CCB 804B Lp	41	52	69	66	67	65	62	57	74
CCB 804C Lw	58	69	85	83	84	82	79	74	90
CCB 804C Lp	40	51	67	65	66	64	61	56	73

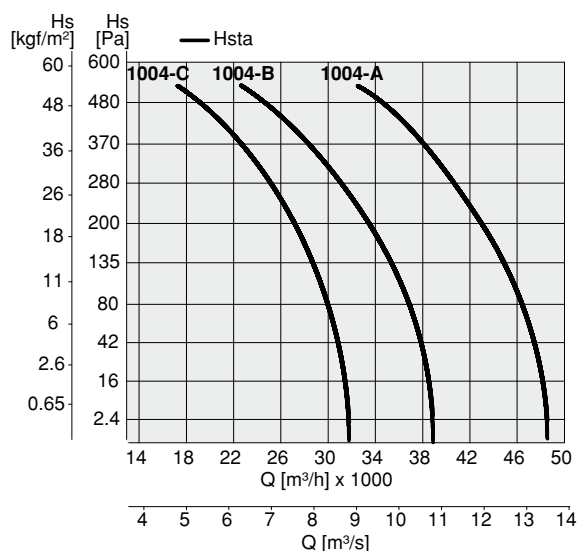


CCB 1000 - 4 poli

Cod.	Tipo Type	Modello Model	U	P	Pm (kW)	In (A)	IP/CL	Mot. (Gr)
1CC1501	CCB	1004-A	T	4	15,00	28,12	55/F	160
1CC1503	CCB	1004-B	T	4	11,00	21,67	55/F	160
1CC1504	CCB	1004-C	T	4	9,20	16,71	55/F	132

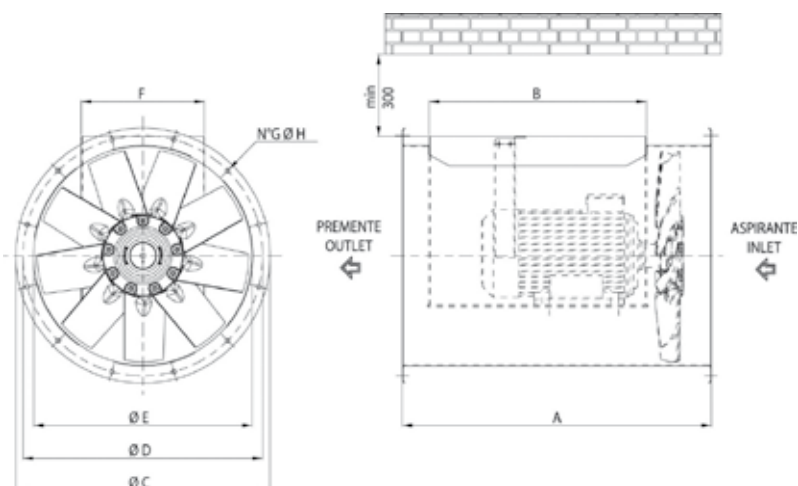
Livelli sonori - Sound levels / dB(A)

[Hz]	63	125	250	500	1000	2000	4000	8000	TOT
CCB 1004A Lw	62	73	90	87	88	86	83	78	94
CCB 1004A Lp	44	55	72	69	70	68	65	60	77
CCB 1004B Lw	61	72	88	86	87	85	82	77	93
CCB 1004B Lp	43	54	70	68	69	67	64	59	76
CCB 1004C Lw	60	71	88	85	86	84	81	76	92
CCB 1004C Lp	42	53	70	67	68	66	63	58	75



DIMENSIONI *Dimensions*

CCB



TIPO TYPE	A	B	C	D	E	F	G	H	kg
CCB 502	650	450	598	560	505	240	12	12	63
CCB 504	650	450	598	560	505	240	12	12	53
CCB 562	800	560	658	620	565	320	12	12	130
CCB 564	650	450	658	620	565	240	12	12	60
CCB 632	800	560	730	690	635	320	12	12	140
CCB 634	650	450	730	690	635	240	12	12	72
CCB 804	800	560	910	860	808	390	16	12	193
CCB 1004	1000	710	1130	1070	1010	430	16	16	303

Dimensioni in mm / Dimensions in mm
Pesi indicativi / Indicative weights

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