



Construction

Single inlet direct driven centrifugal fan with spiral formed casing in steel sheet, welded and powder coated RAL9002. Impeller with backward curved (type GSB), or backward straight self-cleaning blades (type MSB), in aluminium or in steel sheet. Casing and impellers in other materials for example stainless steel or galvanized steel sheet may be supplied on request.

Motor

220-240/380-420V, 50Hz (380-420/660-690V over 3kW) three-phase or 220-240V, 50Hz single-phase asynchronous motor with squirrel cage rotor. Enclosure IP55, insulation class F. Special voltage or frequency, improved enclosure IP65, 2-speed motors, explosion proof motor can be supplied on request. Wiring diagram, see page 179.

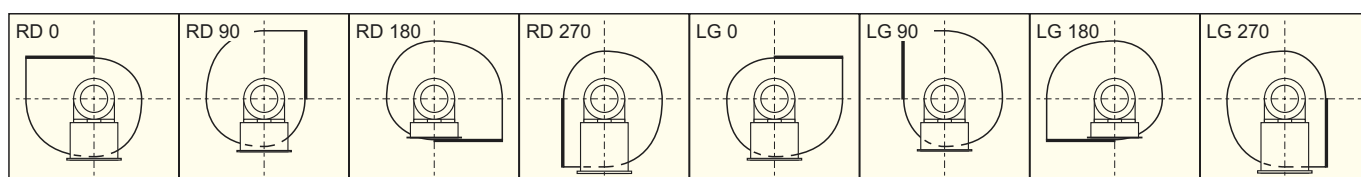
Accessories

Inlet and outlet fittings, wire guards, dampers, etc.

Technical specification

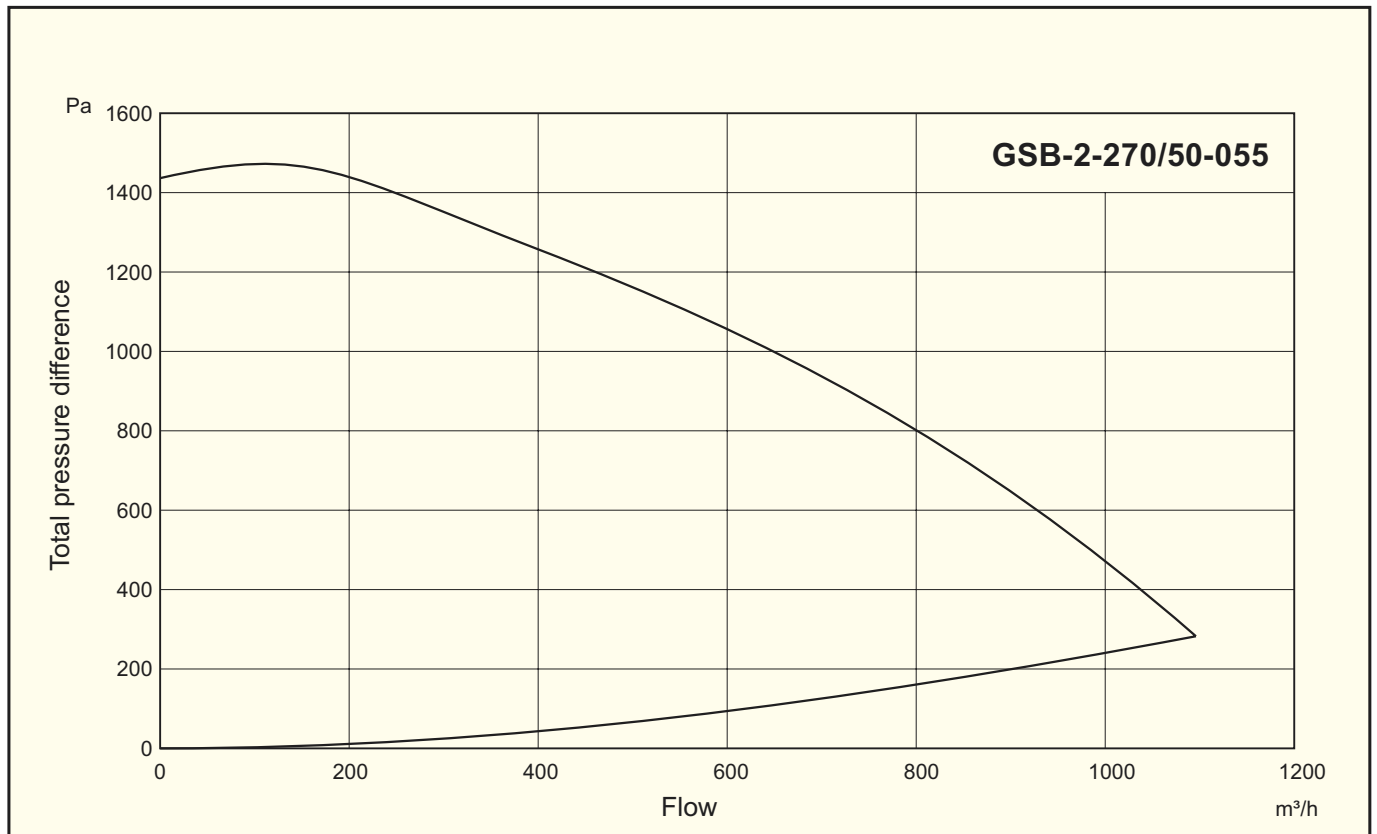
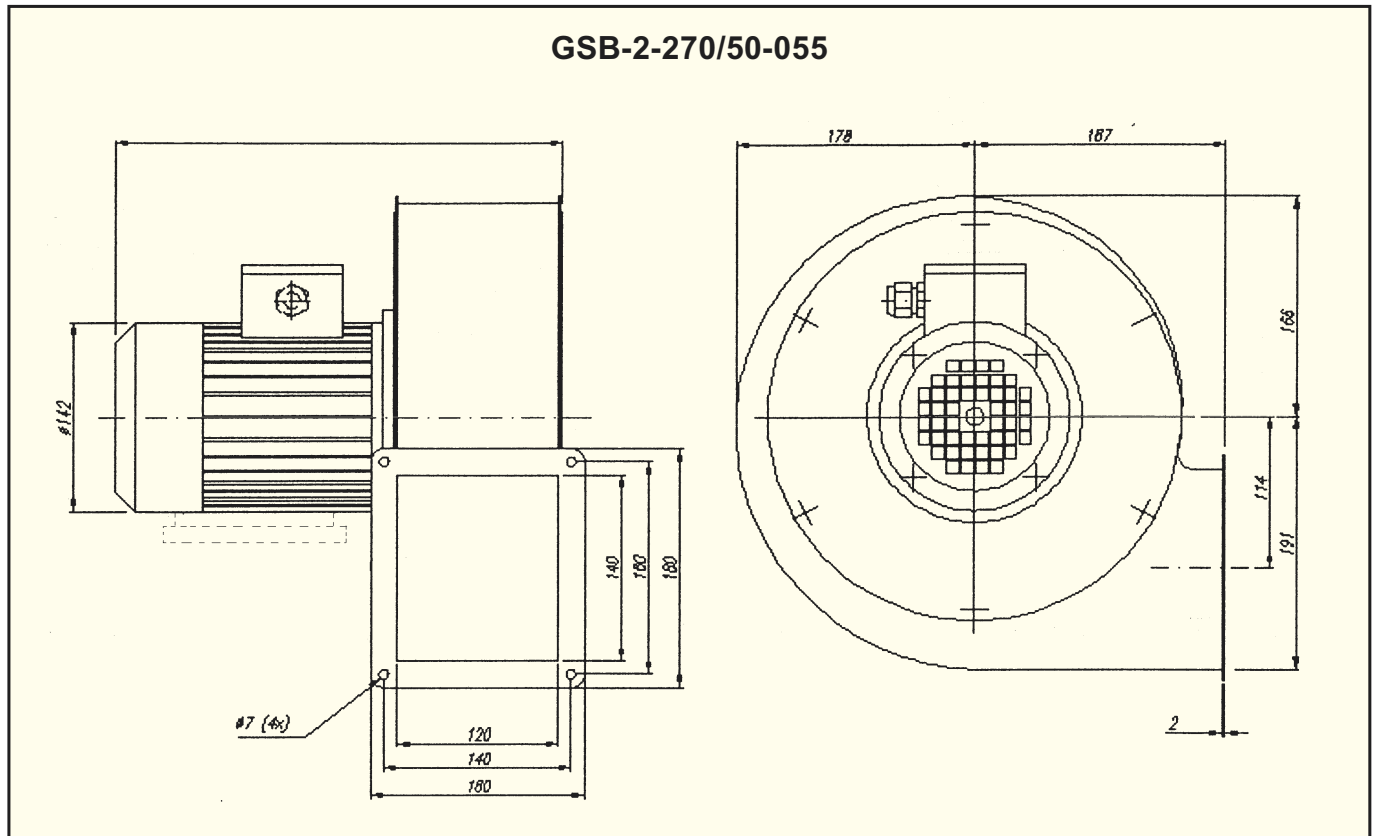
Type	Speed rpm	Motor power kW	Maximum current A	Voltage V	Maximum duty m ³ /h	Maximum pressure Pa	Sound level* dB(A)	Weight kg	Article number
GSB-2-270/50-055T	2900	0,55	1,35	400	1050	1450	73	30	113 360 270
MSB-2-315/102-110T	2900	1,1	2,5	400	4800	1450	74	40	113 363 315
MSB-2-355/102-220T	2900	2,20	4,60	400	6700	1850	76	45	113 363 355
MSB-2-400/125-400T	2900	4,00	7,50	400	7700	2850	80	55	113 363 400
MSB-2-450/125-750T	2900	7,50	14	400	12100	3100	85	88	113 363 450
MSB-2-500/100-1100T	2900	11,00	21,2	400	17500	3600	94	125	113 363 500
GSB-4-500/180-110T	1400	1,10	2,70	400	8000	900	75	95	113 360 500
MSB-2-560/80-1850T	2900	18,50	23,2	400	19000	4400	96	140	113 363 560
GSB-4-560/200-220T	1400	2,20	4,90	400	10000	1200	77	105	113 360 500
GSB-4-630/250-400T	1400	4,00	6,60	400	12500	1400	80	158	113 360 630
GSB-4-710/250-750T	1400	7,50	14,6	400	22000	1800	84	230	113 360 710
GSB-6-710/250-300T	900	3,00	6,90	400	13800	800	77	220	113 360 716

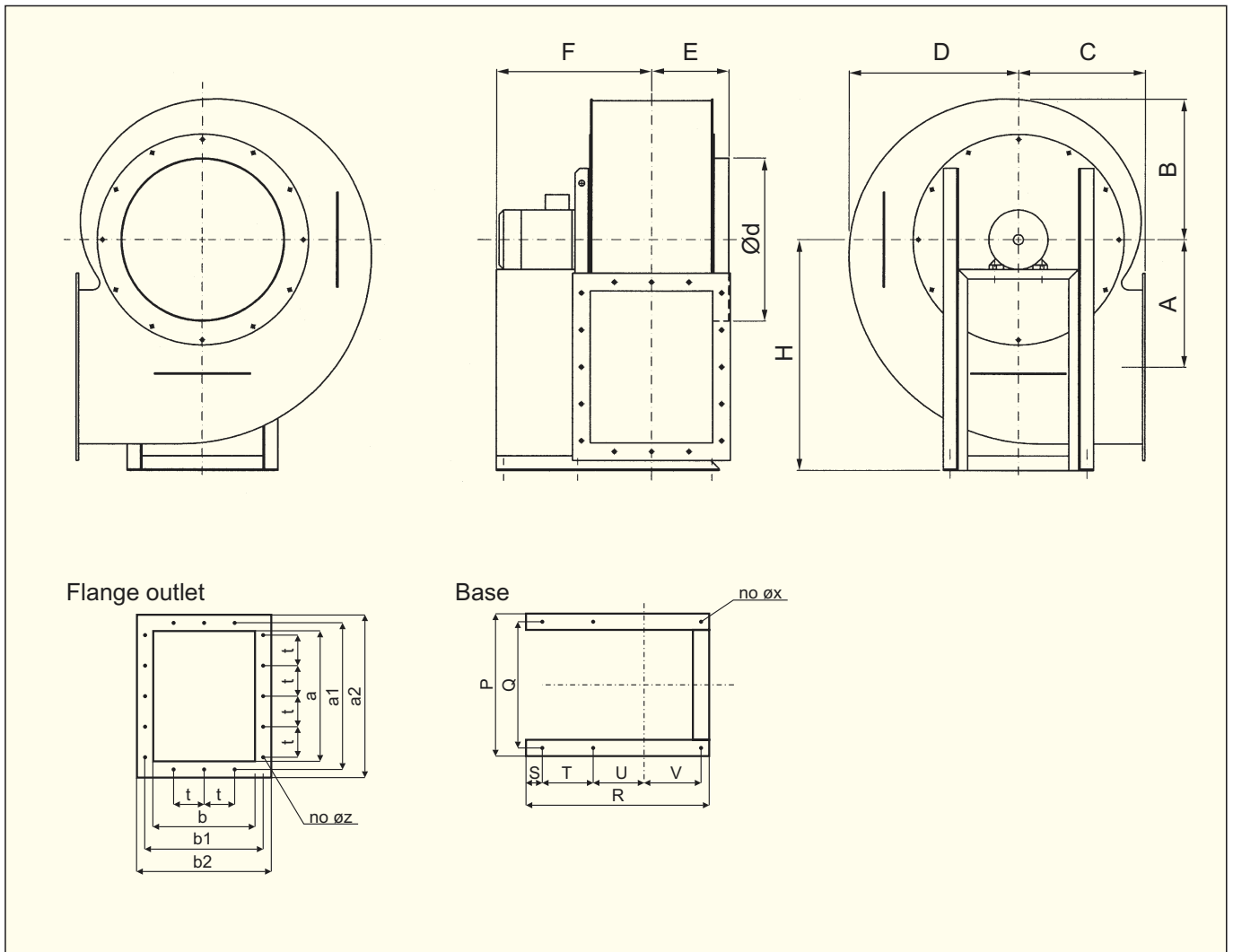
* - in the middle of the performance curve.



GSB / MSB fans are delivered as standard in LG-design.

Dimensions in mm





Dimensions in mm

Type	A	B	C	D	E	F	H	P	Q	R	S	T	U	V	no	øx	a x b	a1 x b1	a2 x b2	no	øz	t	ød
315	216	240	225	287	153	318	400	237	210	350	18	150	150	-	6	12	256 x 198	291 x 233	326 x 268	6+4	10	112	315
355	225	256	230	298	172	398	400	257	230	413	38	150	210	-	6	12	243 x 232	278 x 267	313 x 302	6+4	10	112	315
400	273	304	265	364	183	431	500	276	240	436	31	190	190	-	6	12	328 x 258	368 x 298	408 x 338	6+4	10	125	355
450	284	322	300	375	199	497	500	316	280	517	27	235	235	-	6	15	308 x 290	348 x 330	388 x 370	6+6	10	125	400
500	341	377	335	453	219	435	610	396	360	600	25	200	209.5	140.5	6	15	408 x 325	448 x 365	488 x 405	8+6	10	125	450
560	323	380	360	428	236	500	560	386	350	520	30.5	235	236	-	6	15	365 x 323	405 x 363	445 x 405	6+6	10	125	500
630	429	474	425	569	272	535	780	505	460	750	25	250	260	190	6	18	513 x 435	573 x 495	633 x 555	10+6	10	125	550
710	417	490	445	580	309	667	805	536	491	-	36	317.5	317.5	-	6	18	532 x 458	600 x 510	652 x 578	8+4	12	260	630

