

RADIAL FANS

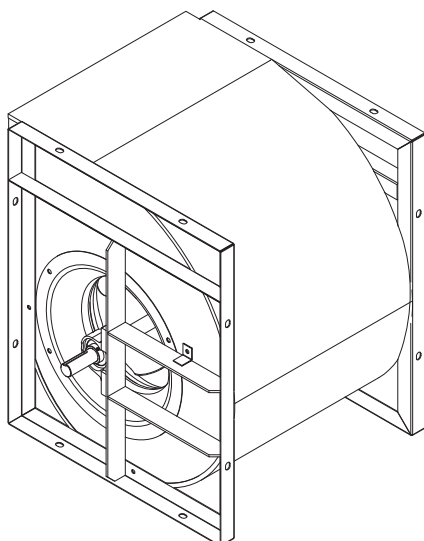
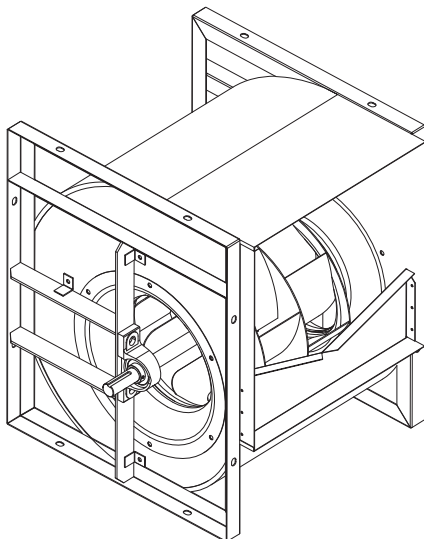


BSK

HIGH PRESSURE CENTRIFUGAL FANS Backward Curved – Welded

BSK (double inlet fans) can be manufactured for the flow rates between 500 and 32000 m³/h. Max. efficiency with low energy.

Technical Drawings



MATERIAL

: Housing is made of galvanized sheet metal, forward curved fan is made of galvanized sheet metal, shaft is made of ST-45 steel and free axle supported at both ends by permanently greased ball bearings.

DIRECTIVE

: EN 60335-1, EN 60335-2-80

SPEED CONTROL

: Speed is adjusted using belt pulley.

APPLICATION AREAS

: Ventilation units, central climate units, workplaces, offices, cafes, restaurants, meeting rooms, supermarkets, spor complexes etc. and comfort expected places.

	AIR FLOW	WEIGHT
TYPE	m ³ /h	kg
BSK 250	3000	18
BSK 280	6000	22
BSK 315	8000	33
BSK 355	10000	45
BSK 400	15000	52
BSK 450	18000	68
BSK 500	26000	85
BSK 560	32000	140

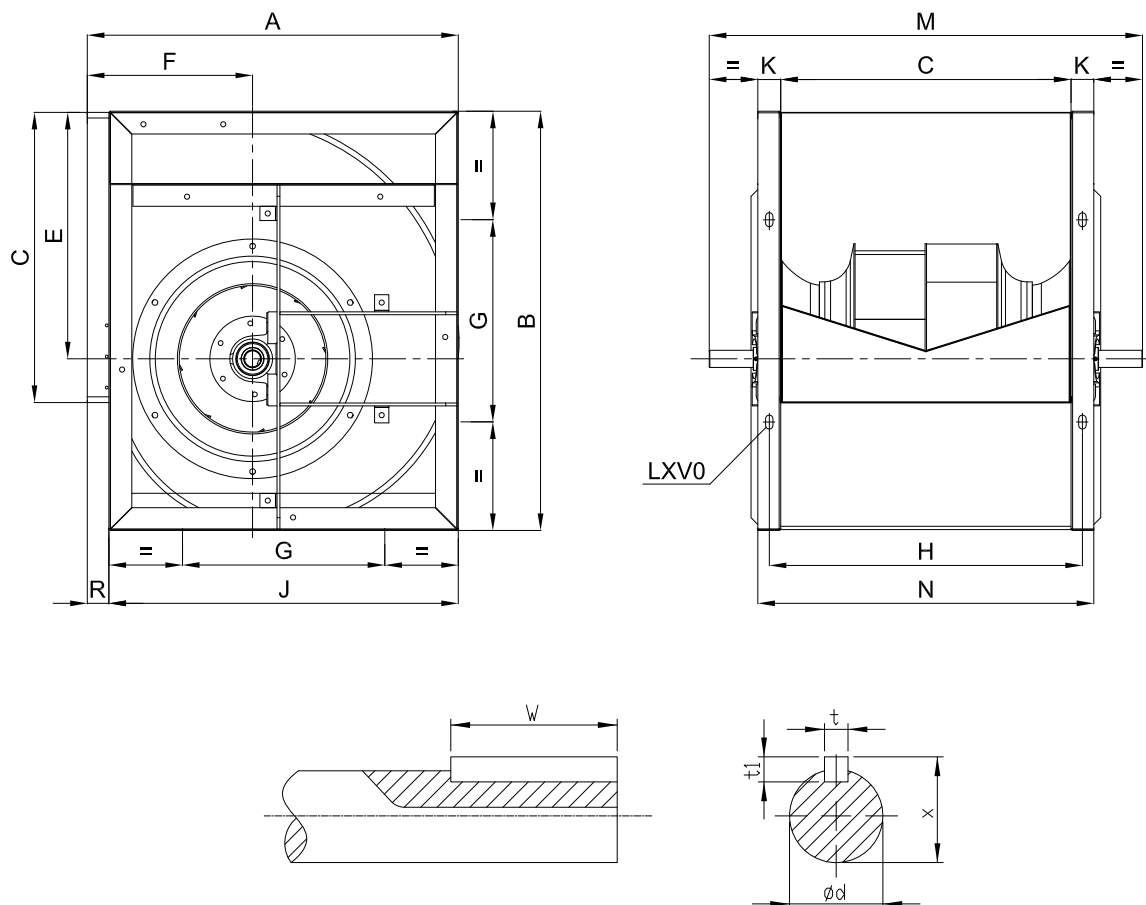
Accessories



BDEB



BDH

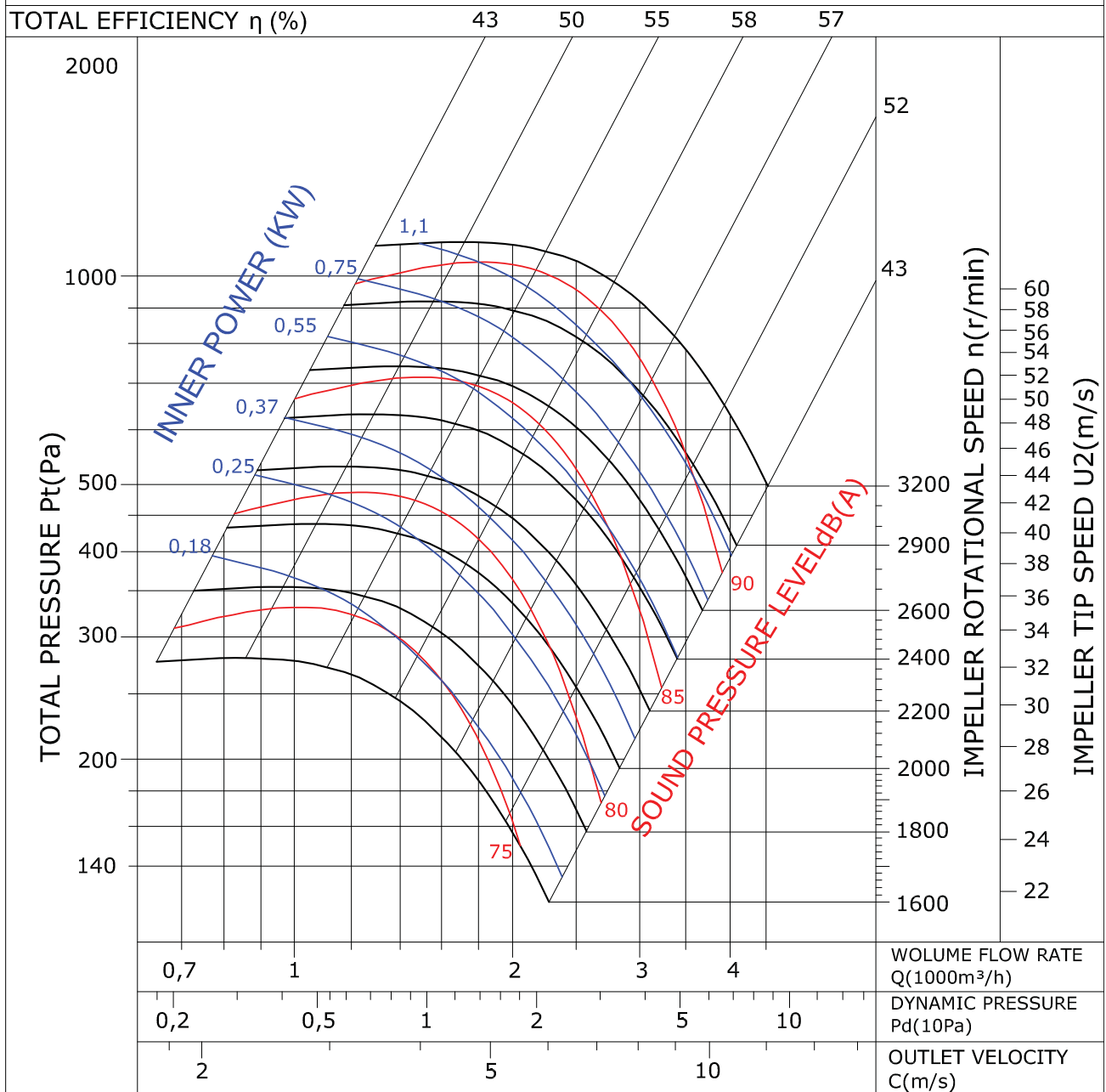


TYPE	A	B	C	E	F	G	H	J	K	M	N	R	t	t1	W	X	ØD	LXV
BSK 250	419	461	322	270	195	224	347	384	30	536	372	34	8	7	50	28	25	13X18
BSK 280	466	518	361	302	215	280	391	432	30	575	421	34	8	7	50	28	25	13X18
BSK 315	518	578	404	340	236	280	434	480	30	640	464	38	8	7	60	28	25	13x18
BSK 355	578	655	453	384	261	355	490	548	40	700	520	30	8	7	60	33	30	13x18
BSK 400	651	736	507	432	290	355	549	613	40	760	589	38	8	7	60	33	30	13x18
BSK450	727	827	569	487	322	530	611	681	40	845	651	46	10	8	70	38	35	13x18
BSK 500	800	918	638	538	352	530	680	750	40	920	718	50	12	8	70	43	40	13x18
BSK 560	898	1031	715	603	390	530	777	845	50	1070	815	50	14	9	90	53.5	50	13x18
BSK 630	999	1157	801	679	434	530	851	946	50	1155	901	53	14	9	90	53.5	50	13x18

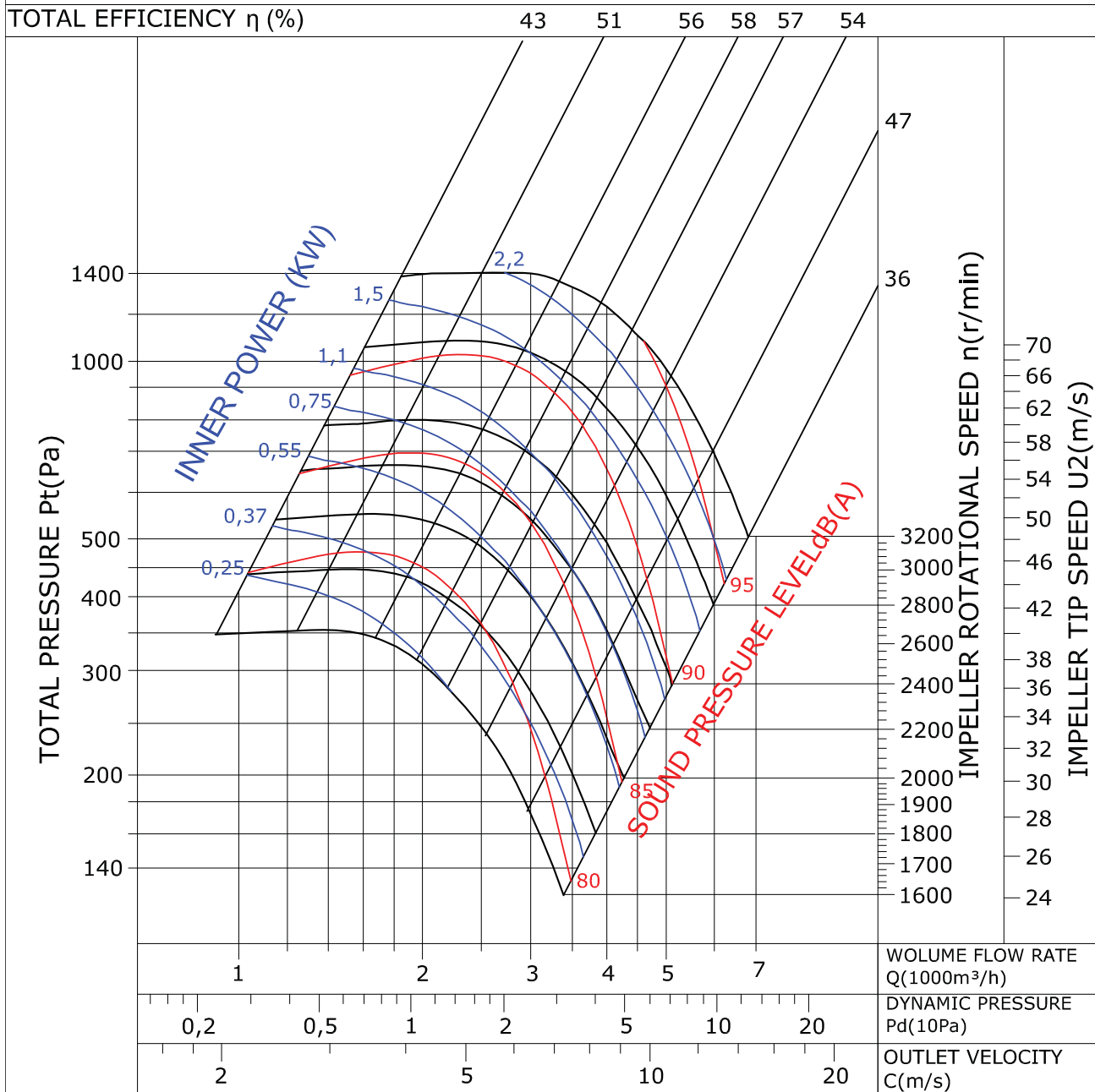
Dimensions are in (mm)



BSK 250



BSK 280



DUCT FANS

ROOF FANS

AXIAL FANS

RADIAL FANS

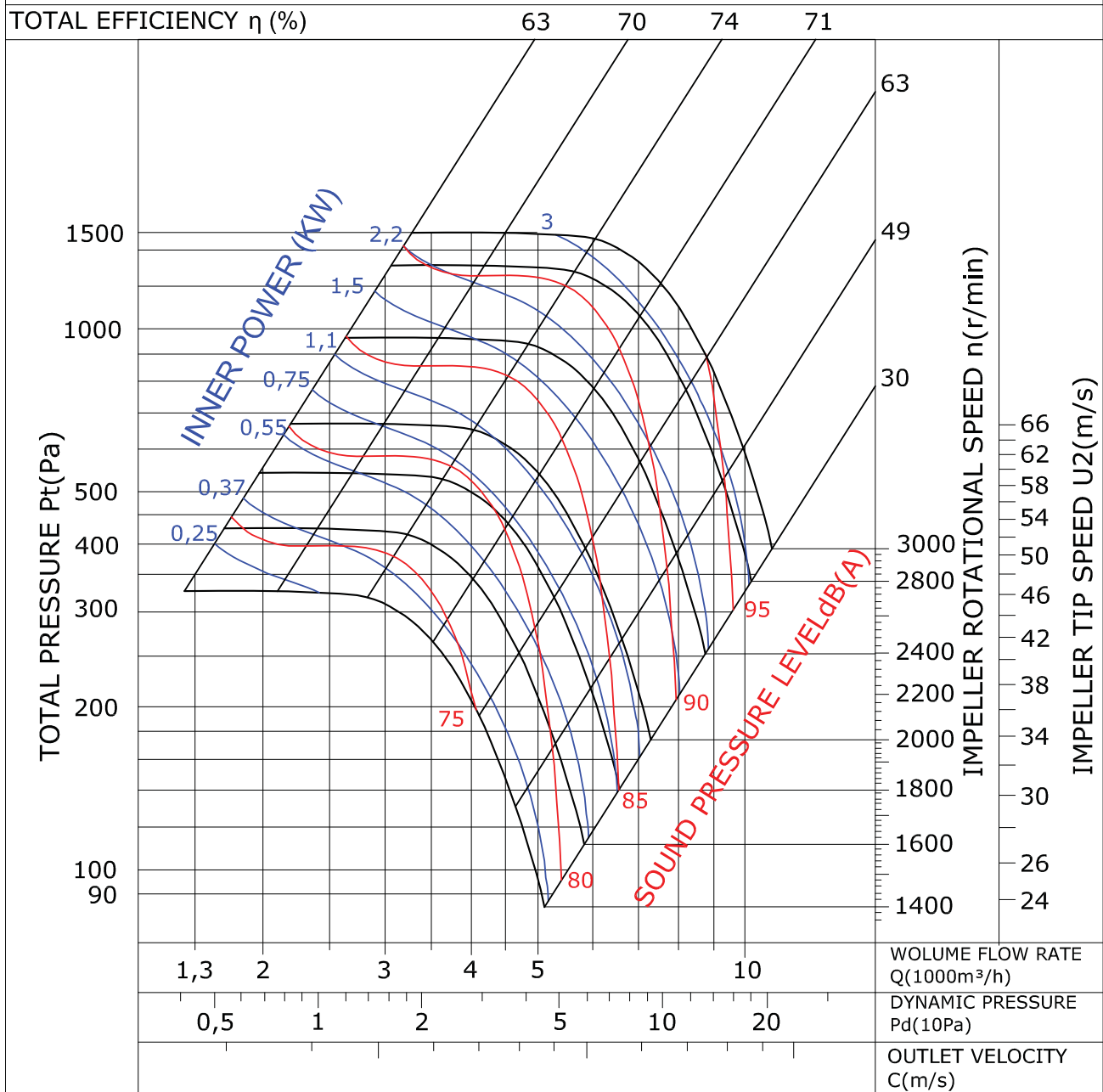
PLASTIC FANS

VENTILATORS

SMOKE EXHAUST SYSTEMS

ACCESSORIES

BSK 315



BSK 355

TOTAL EFFICIENCY η (%)

63

70

74

71

63

49

30

IMPELLER ROTATIONAL SPEED n (r/min)

IMPELLER TIP SPEED U_2 (m/s)

TOTAL PRESSURE P_t (Pa)

1500
1000
500
400
300
200
100
80

INNER POWER (kW)

0,3
0,4
0,6
0,8
1
1,5
2,2
3

SOUND PRESSURE LEVEL L_p (dB(A))

80
85
90
95
100

VOLUME FLOW RATE
 Q (1000 m³/h)

DYNAMIC PRESSURE
 P_d (10 Pa)

OUTLET VELOCITY
 C (m/s)

2

3

4

5

12

0,5

1

2

5

10

20

40

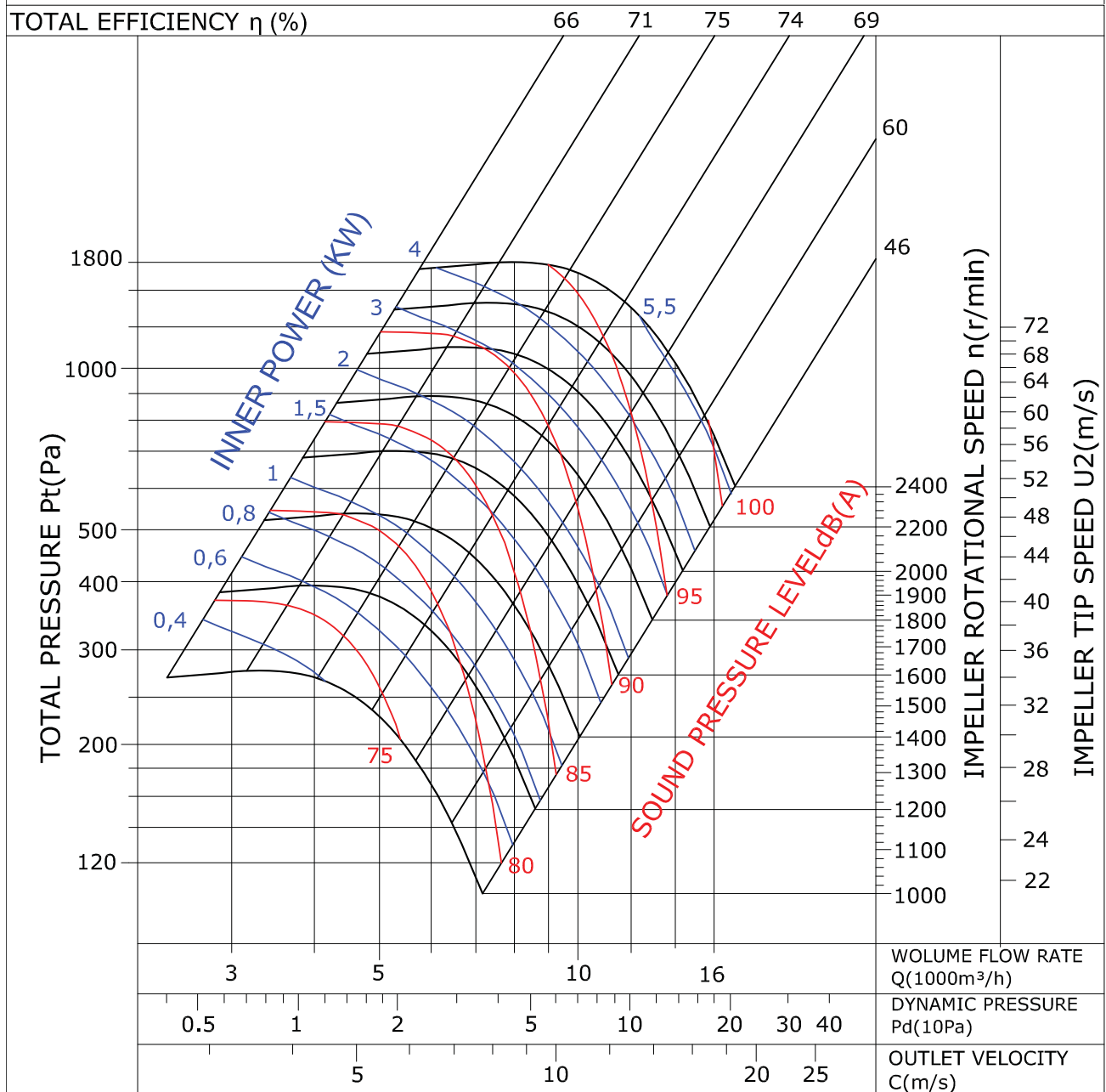
5

10

20

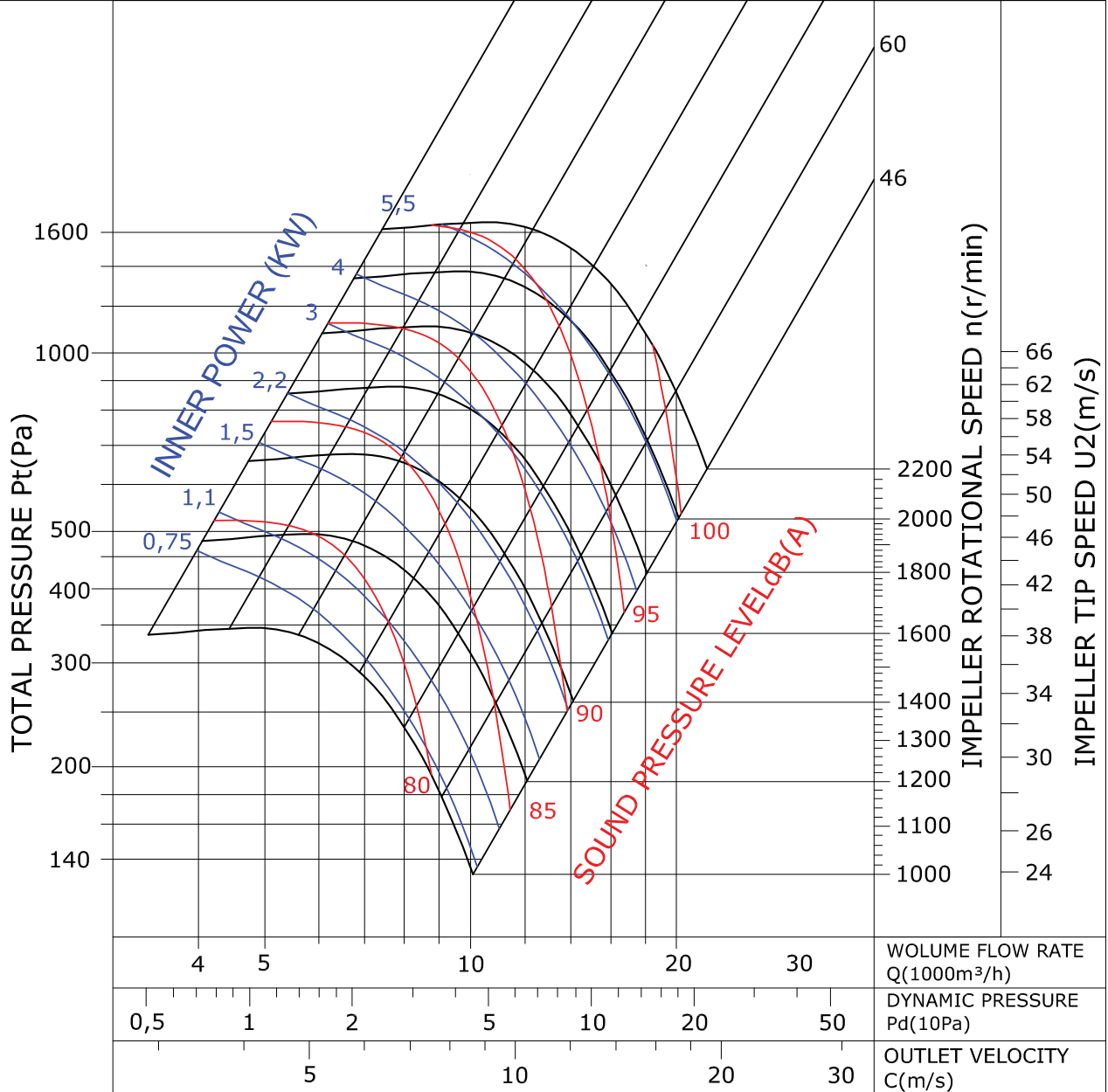
25

BSK 400

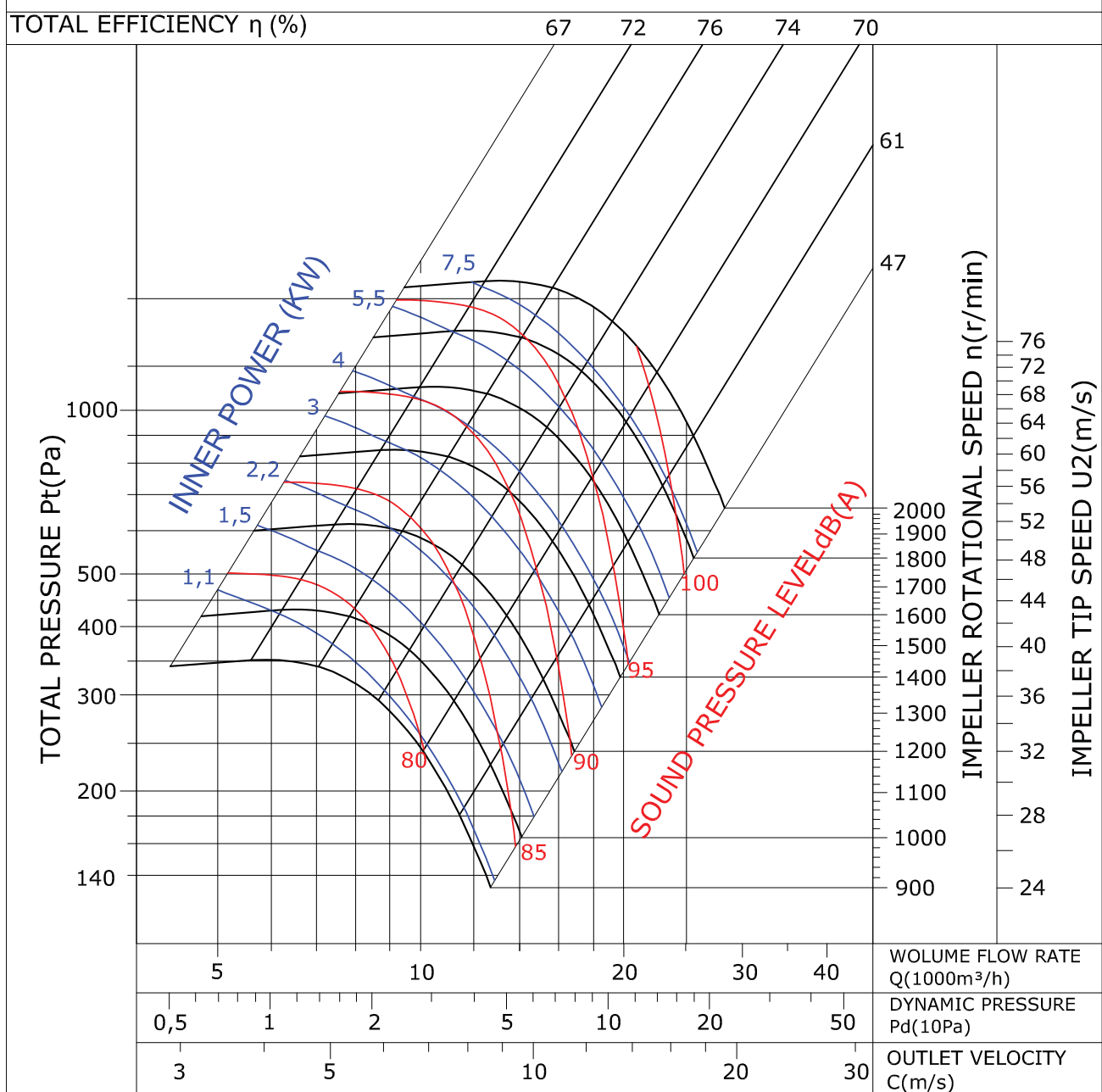


BSK 450

TOTAL EFFICIENCY η (%)

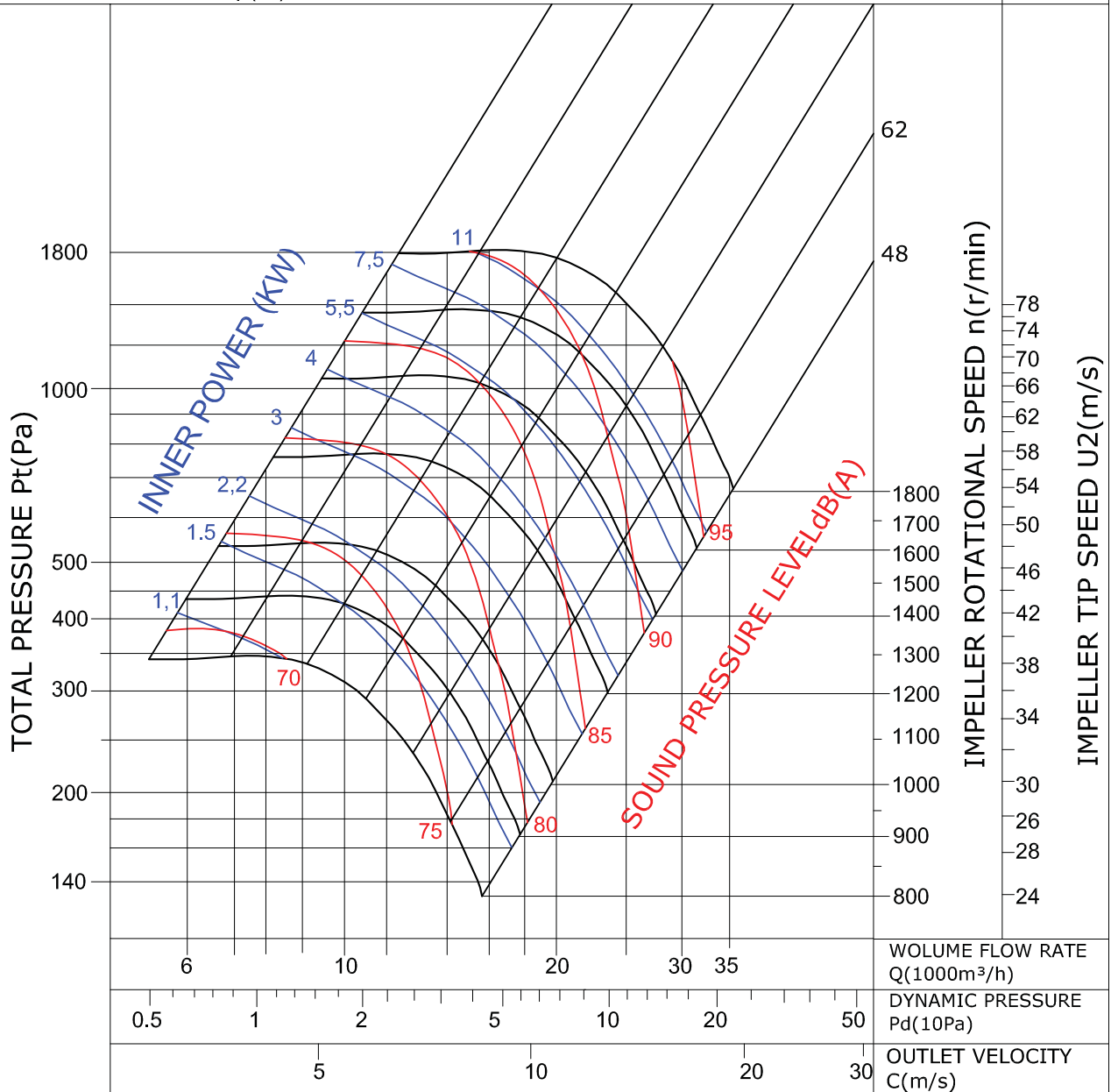


BSK 500



BSK 560

TOTAL EFFICIENCY η (%)



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