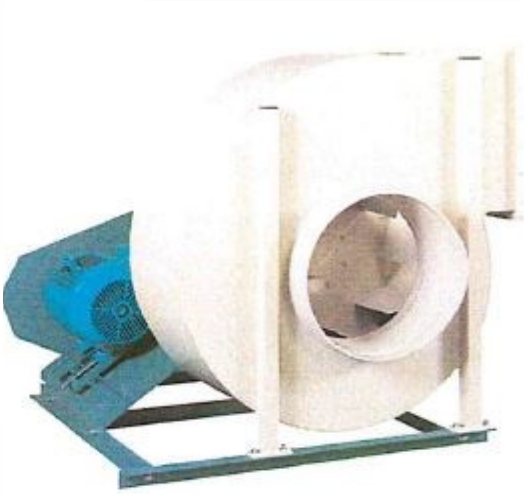
FRP CENTRIFUGAL BLOWER CHEMICAL RESISTANCE

TECH WIND

Our Design Features

Long time more than 20 years of our experience in manufacturing acid, alkaline and chemical vapor centrifugal blower for industrial. we have researched and developed our product to be highly specialized and satisfied by clients in varieties of industry.



The **TECH WIND** is FRP blowers are appropriate to ventilation system as well as air pollution control system. Fume and polluted air will be removed with maximum capacity , maximum static pressure. Casing and impeller made from FRP are designed for corrosion resistance. The FRP blowers are defiance to demolish from all chemicals and is ideally suited to applications in the chemical plants, petroleum, wastewater treatment, fertilizer, pharmaceutical, Electronics, battery, pulp & paper, etc. industries.

- **6 Sizes : 400, 500, 630, 800, 1000 and 1250 mm. wheel diameters are proposed.**
- **Capacities up to 53,000 CFM.**
- **Static pressures up to 12” WG.**
- **Temperatures resistance up to 100°C**

The **TECH WIND** FRP blowers are suited for medium pressure/high flow application. Casing fully made of fiberglass reinforced plastic (FRP), fine surface outside, very smooth finish inside. Symmetrical housing for clock and anticlockwise revolution. The impeller offers a power limiting characteristics with the added advantages of high operating efficiency and low noise level.

Specification

MODEL	PERFORMANCE			MOTOR					CONNECTION FLANGE		WEIGH	TRANS-MISSION TYPE	MAXIMUM	
	FLOW RATE (Q) (m^3/S)	HEAD (Ht) (mm.wg)	RUN-NING SPEED (RPM)	POWER CONSUMTION REQUIREMENTS					INLET (mm)	OUTLET (mm)	TOTAL SET (Kg)		SPEED (RPM)	POWER (HP)
				KW	HP	volt	Phase	Poles						
P-TW-400	1.5	160	2550	3.2	4	380	3	2	400	450x280	155	BELT	3100	6
P-TW-500	2.5	160	2100	4.8	6	380	3	2	500	560x355	330	BELT	2450	12
P-TW-630	3.6	160	1650	8	11	380	3	4	630	710x450	415	BELT	1950	14
P-TW-800	5.9	160	1350	12	16	380	3	4	800	900x560	510	BELT	1550	30
P-TW-1000	9.0	160	1000	16	22	380	3	4	1000	1120x710	650	BELT	1150	37.5
P-TW-1250	13.8	160	800	32	43	380	3	4	1250	1400x900	820	BELT	950	75

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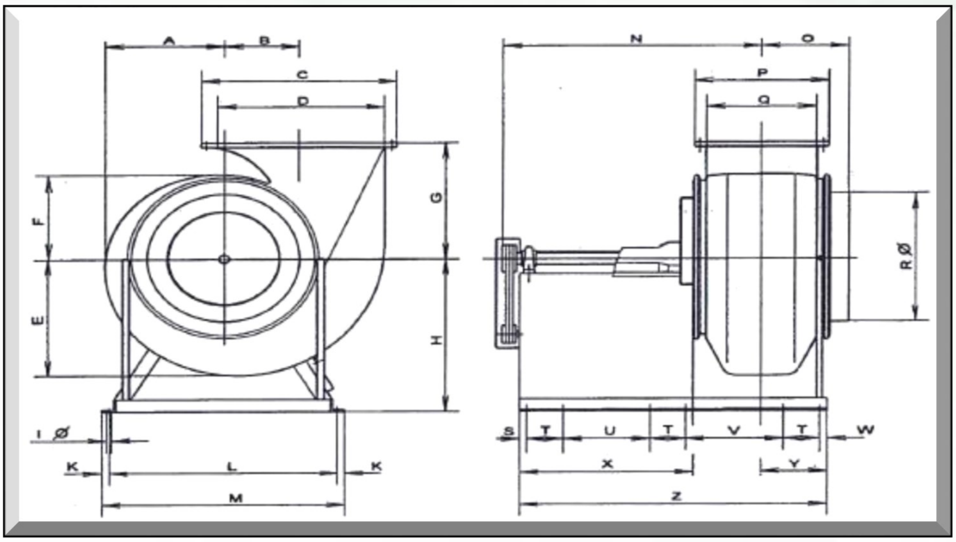
SPECIFICATION

Dimension



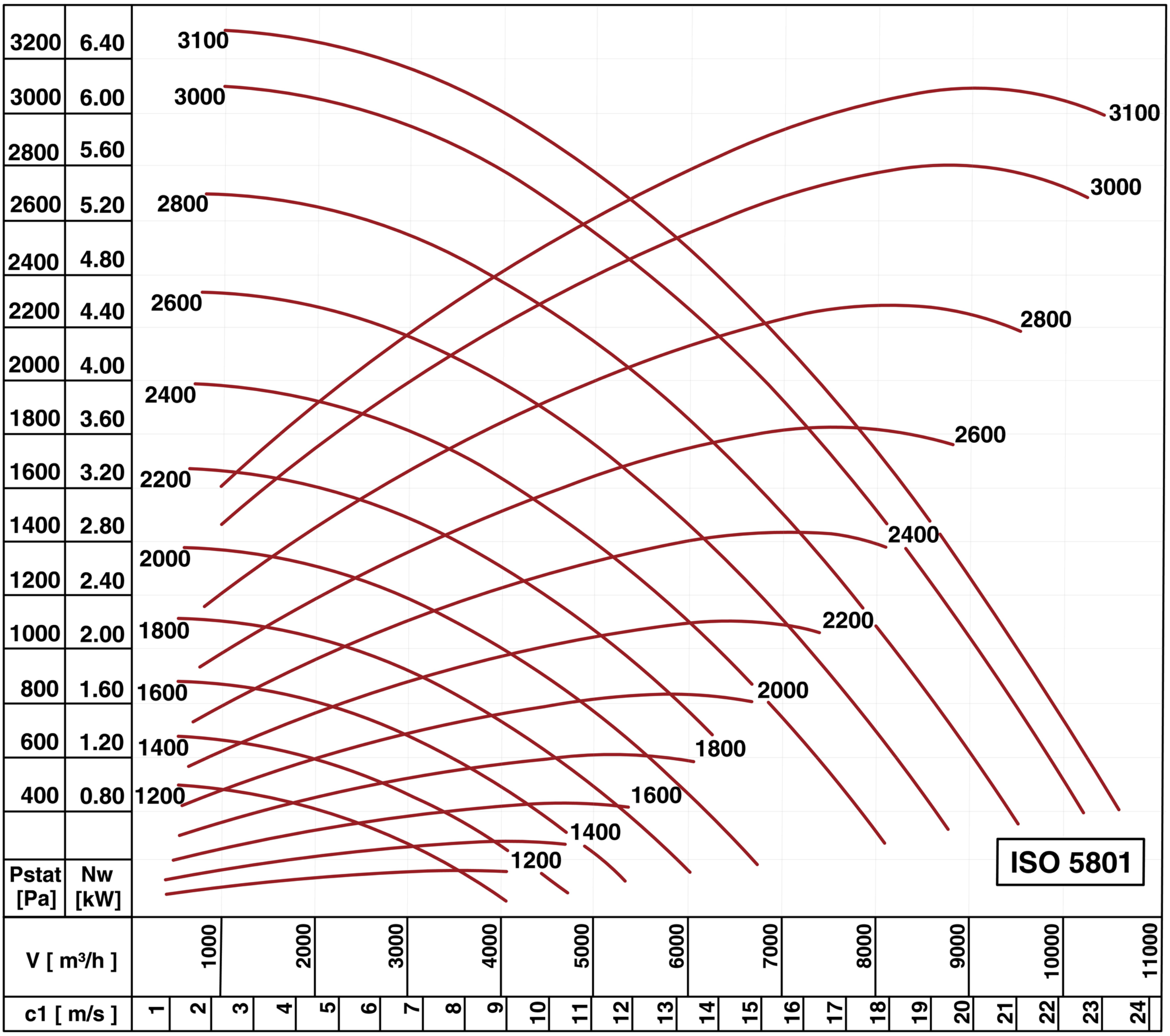
MODEL	P-TW-400	P-TW-500	P-TW-630	P-TW-800	P-TW-1000	P-TW-1250
A	306	384	485	606	766	960
B	195	248	309	384	494	622
C	530	640	810	1000	1220	1500
D	450	560	710	900	1120	1400
E	363	456	575	720	910	1141
F	258	325	405	509	634	808
G	355	450	560	710	900	1120
H	500	630	750	950	1150	1400
I Ø	14	14	12	12	12	12
K	23	23	30	30	30	30
L	634	754	940	1090	1340	1640
M	680	800	1000	1150	1400	1700
N	854	962	1130	1475	1551	1766
O	224	280	355	450	501	631
P	360	435	550	660	810	1000
Q	280	355	450	560	710	900
R Ø	400	500	630	800	1000	1250
S	40	40	30	30	30	30
T			146	146	146	146
U	400	470	358	648	648	768
V	440	515	404	454	604	794
W	40	40	30	90	90	90
X	560	630	710	1000	1000	1120
Y	176	213	270	325	399	494
Z	920	1065	1260	1660	1810	2120

Designations for rotation and discharge of centrifugal blower

Designations for rotation and discharge of centrifugal blower

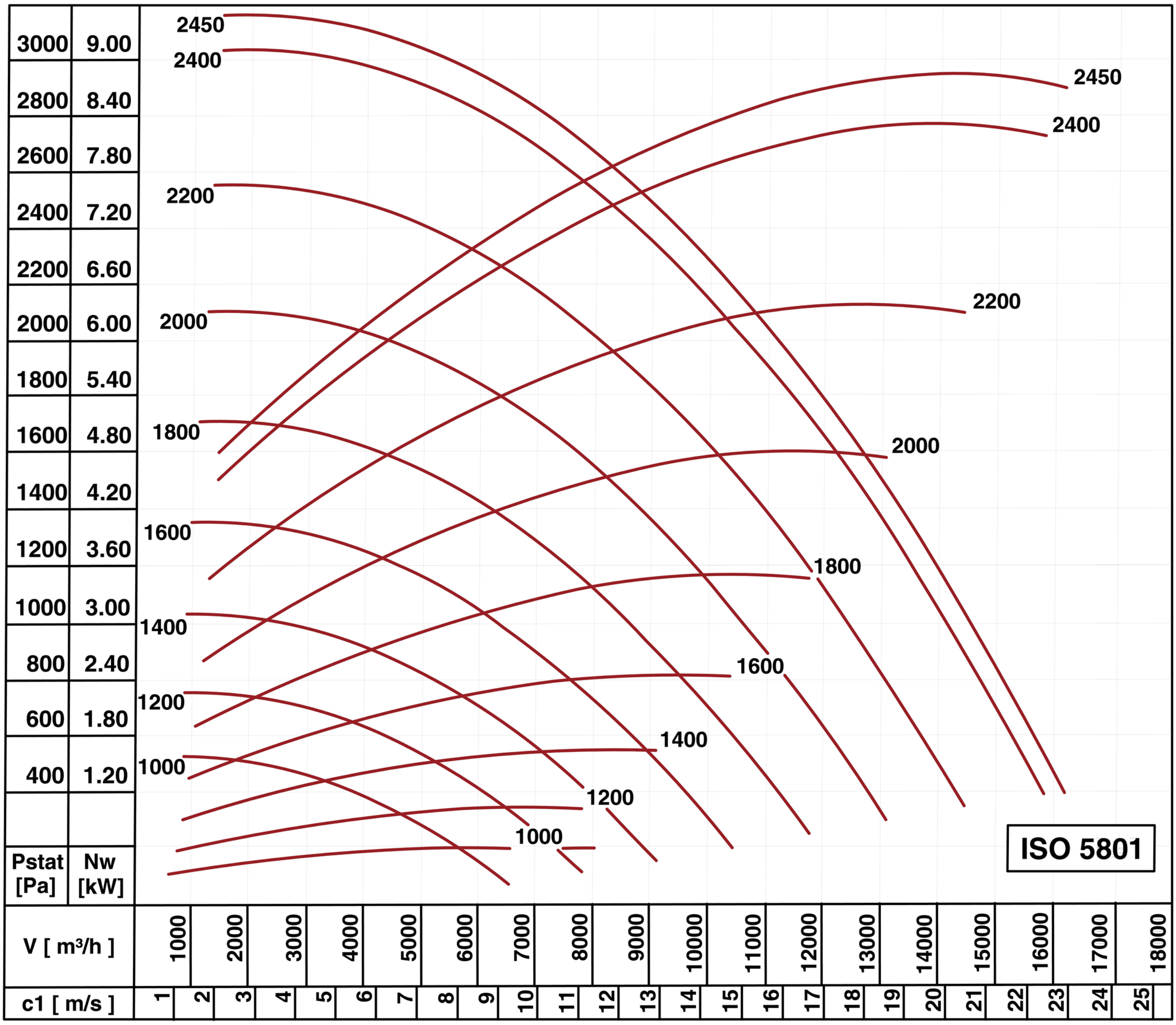
Performance Curves

P-TW-400

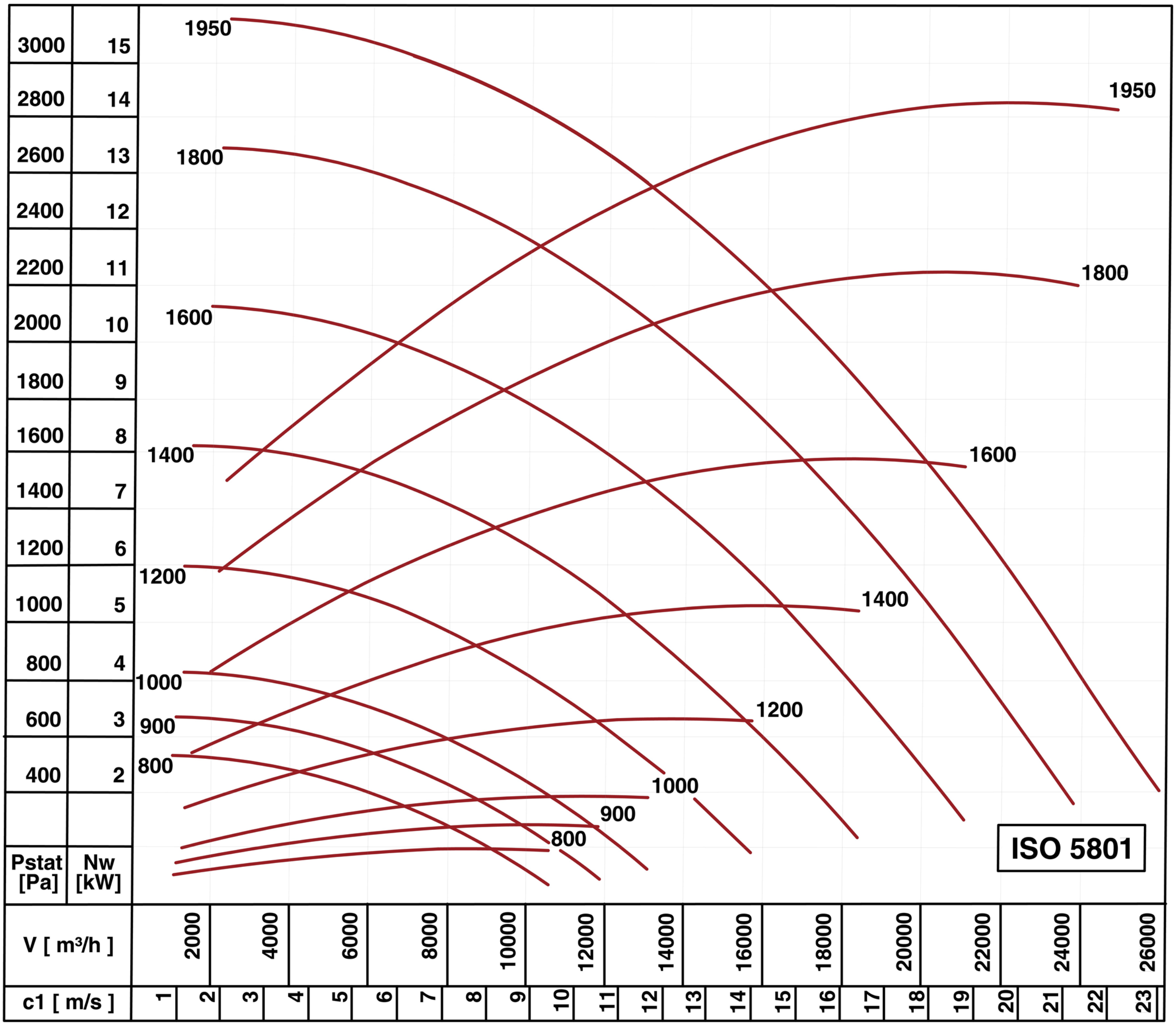


TECH WIND

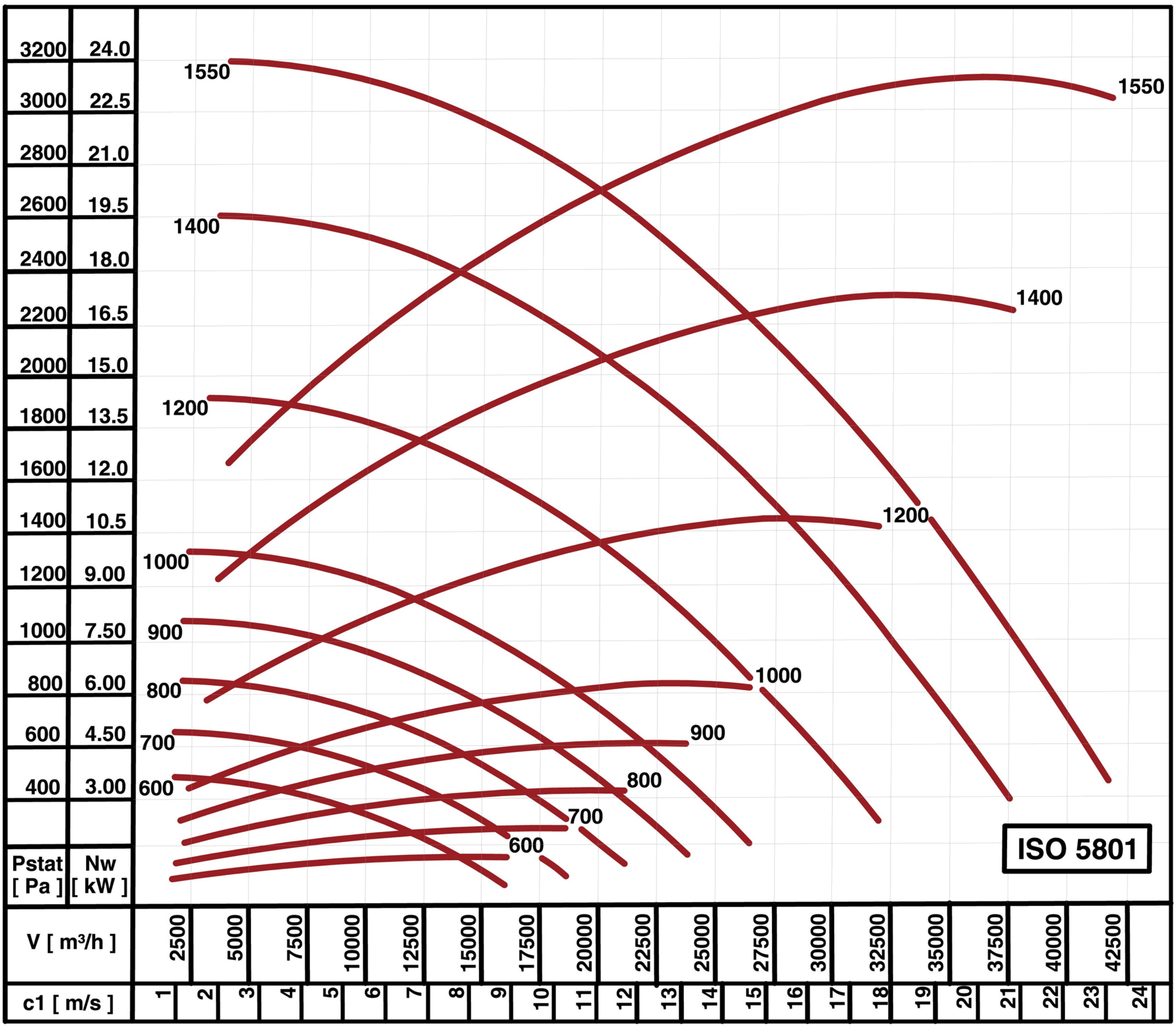
Performance Curves P-TW-500



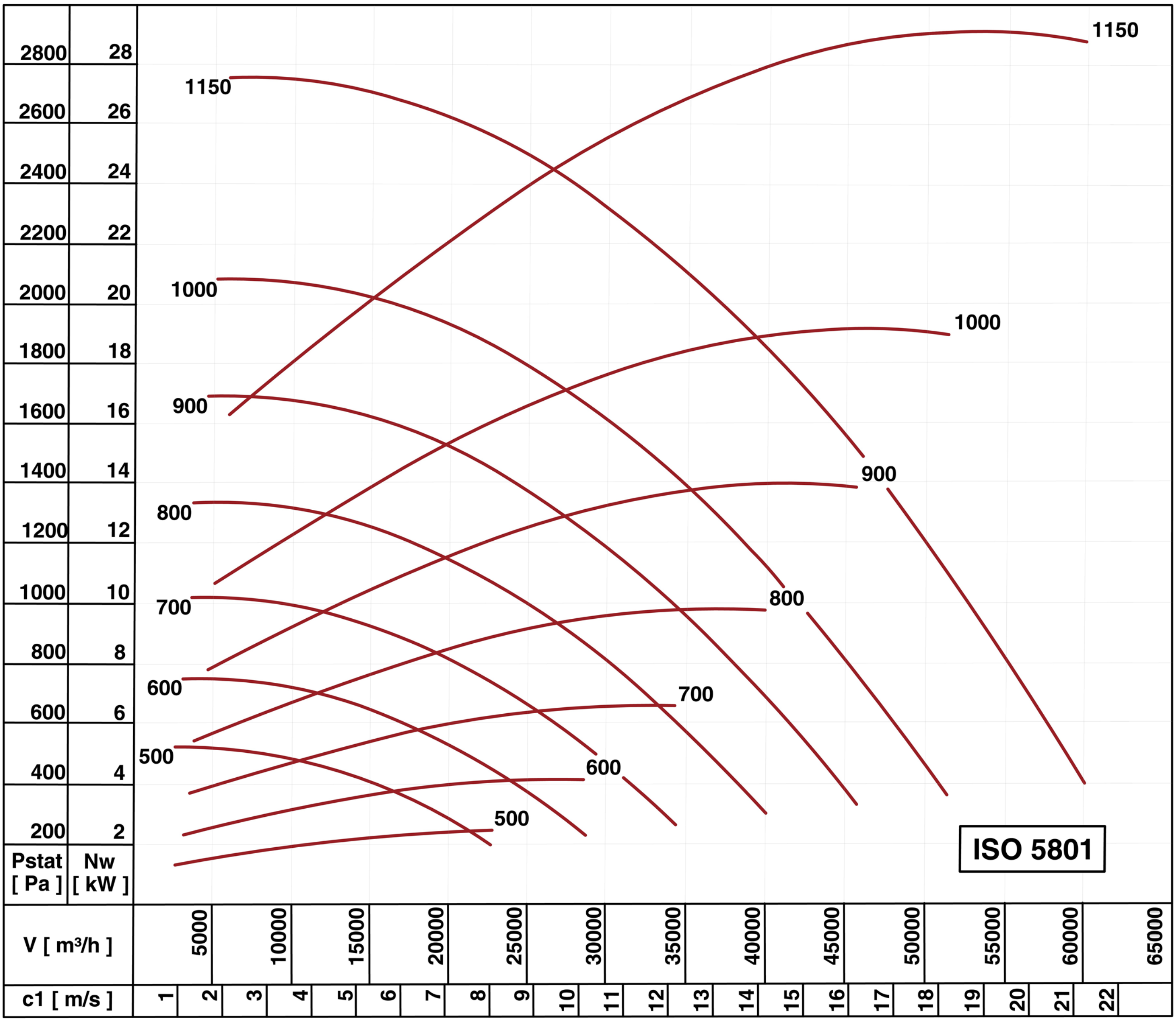
Performance Curves P-TW-630



Performance Curves P-TW-800

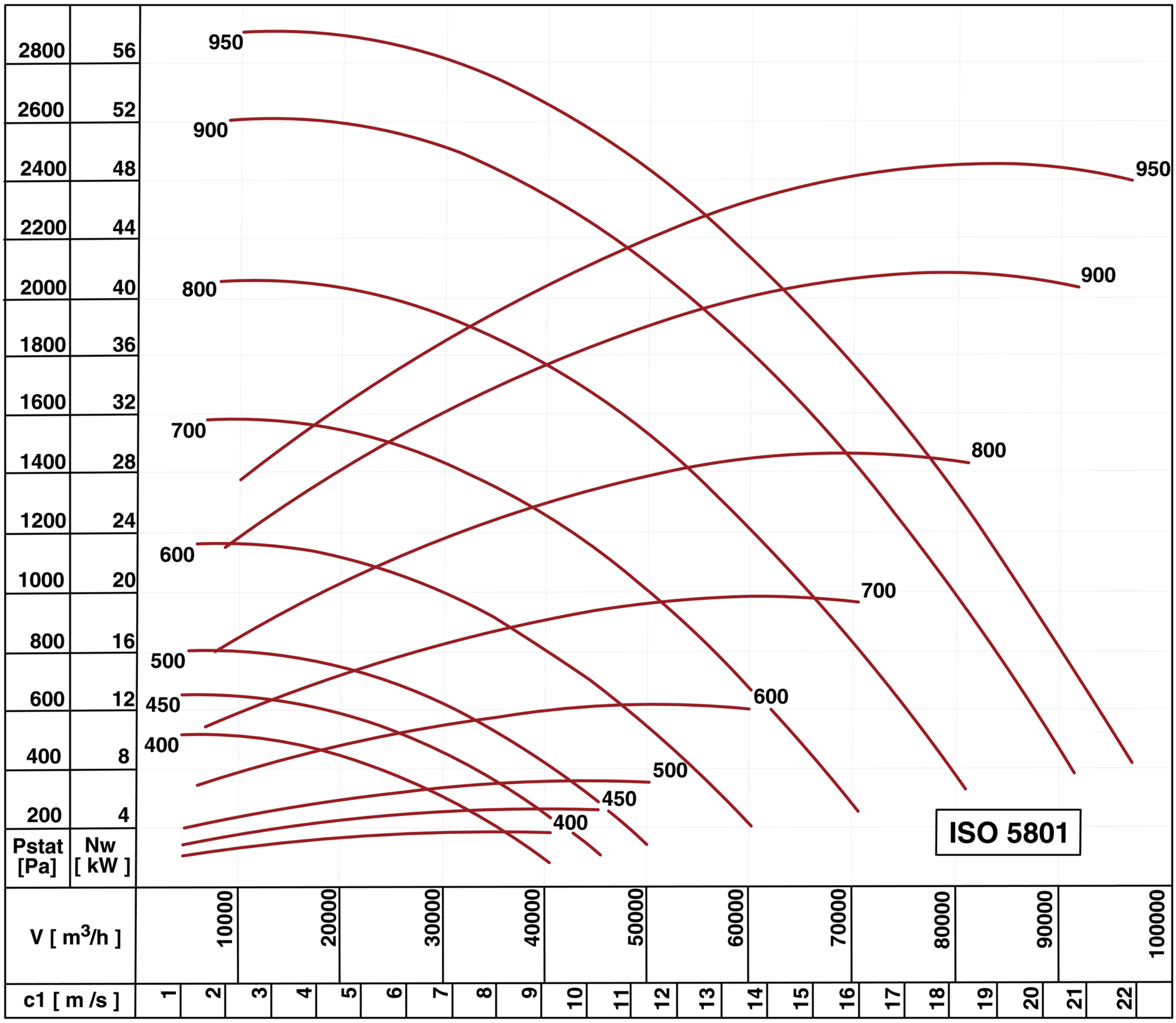


Performance Curves P-TW-1000



Performance Curves

P-TW-1250



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