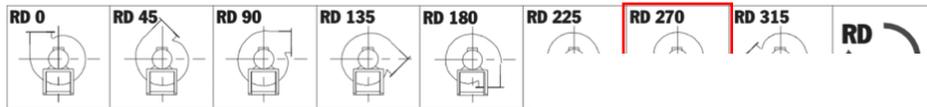
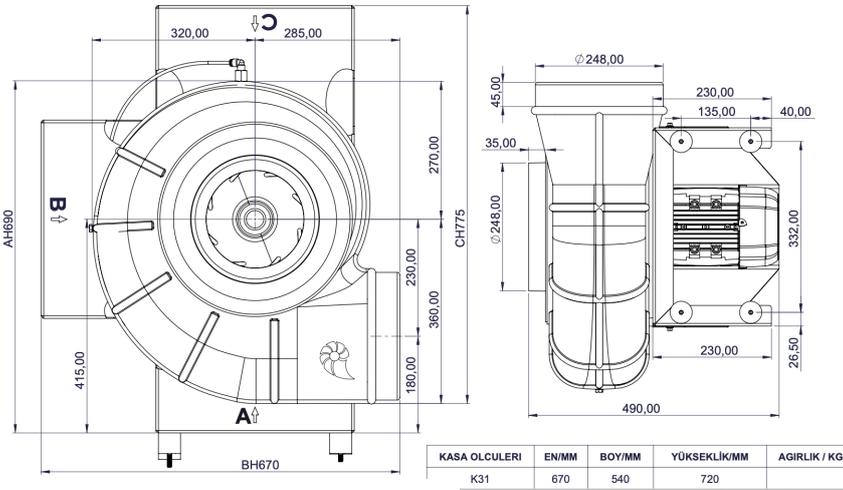


**PP Fans for industrial Corrosive – Acidic – Explosive Air Transportation Systems** RSDP series centrifugal fans are specifically designed for ventilation of Acidic and Corrosive environments. It is the ideal product to use when corrosive gases, polluted air or other aggressive components are part of the exhaust air. Typical applications are plating units, medical facilities, food, electrical, battery storage areas and the petrochemical industry. **The impeller** is made of PP, PPS or PVDF material with statically and dynamically balanced, aerofoil 3D blade geometry, silent, highly efficient, back sloping structure. Static and Dynamically balanced in DIN 1940 norms. **Housing** made of corrosion and UV resistant PE material and there is a condensate drainage hose and tap on the body. Body angle can be changed by removing the bolts. **Fan base and support** is AISI 304 Quality Stainless steel. All fittings are A4/316 quality stainless steel. Standard production is suitable to operate in conveyed air temperature between -20°C / +70°C. Easy to maintain, the high-efficiency fully enclosed electric motor is out of the air stream and has IP55/IP65 protection. Speed control can only be provided by a frequency converter. All of the Explosion Proof models with Atex certification as complete fans are produced in anti-static, non-flammable material and do not emit smoke when operated.



**Korozif Gazlar ve Buharlar için Plastik Endüstriyel Radyal Fanlar** RSDP serisi santrifuj fanlar özellikle Asidik ve Korozif ortamların havalandırılması için tasarlanmıştır. Aşındırıcı gazlar, kirlı hava veya diğer agresif bileşenler egzoz havasının bir parçası olduğunda kullanılacak doğru üründür. Tipik uygulamalar kaplama tesisleri, tıbbi tesisler, gıda, elektrik ve petrokimya endüstrisidir. **Pervane** G6.3 ISO 1940-1 Standartlarına göre statik ve dinamik olarak dengelenmiş, Aerofoil 3D kanat geometrisine sahip, sessiz, yüksek verimli, geriye eğimli yapıda PP, PPS veya PVDF malzemeden üretilmiştir. **Gövde** korozyon ve UV ışınlarına dayanıklı, PE - PEel - PP - PPS - Ppel malzemeden üretilmiştir. Gövde üzerinde drenaj hortumu ve musluğu mevcuttur, ayrıca montaj açısı civatalar sökölerek değiştirilebilir. Ana taşıyıcı montaj konsolu 304 Kalite paslanmaz çelikdir. Bütün bağlantı elemanları A4/316 kalite paslanmaz çelikdir. Standart üretim -15°C - +70°C arasında taşınan hava sıcaklığında çalışmaya uygundur. Bakımı kolay, yüksek verimli tam kapalı elektrik motoru hava akımı dışındadır ve IP55 korumaya sahiptir. Hız kontrolü yalnızca bir frekans dönüştürücü ile sağlanabilir. Motor ayrıca muhafaza altına alınmıştır. **Atex sertifikasına sahip Exproof modellerin tamamı antistatik, yanmaz malzemeden üretilmiştir.**



Shipping Plywood Case Size 670x540x720(h)



Atex caution warning plate

Atex Flexible inlet and outlet connectors

Model	Sipariş Kodu	Supply	Air Flow	Speed	Motor	Current	Temp.	Weight
	Code	V	m <sup>3</sup> /h	min <sup>-1</sup>	Kw	Amp	+°C	Kg
RSDP 31B/2/50.T	⑧ 1312501	400V/50Hz	4125	2950	1,10	2,30	70	28
RSDP 31B/4/50.T	③ 1314501	400V/50Hz	2050	1450	0,25	0,70	70	24
RSDP 31B/2/50.M	⑧ 1312502	230V/50Hz	4125	2950	1,10	5,00	70	29
RSDP 31B/4/50.M	③ 1314502	230V/50Hz	2050	1450	0,37	2,50	70	24
RSDP 31B/6/50.T	① 1316501	400V/50Hz	1250	950	0,25	0,70	70	23
Explosion proof / Atex Version		>> Gas / Ex II 2G h T4-T6 IP65 - (Gas) - Zone1/2	>>Dust / Ex II 2D tb IIIC T135° Db (IP65) – Zone1/2					
RSDP 31B/2/50.Ex	⑧ 1312503	400V/50Hz	4125	2950	1,10	1,70	70	28
RSDP 31B/4/50.Ex	③ 1314503	400V/50Hz	2050	1450	0,37	0,97	70	24
RSDP 31B/2/50.Ex M	⑧ 1312504	230V/50Hz	4125	2950	1,10	5,00	70	29
RSDP 31B/4/50.Ex.M	③ 1314504	230V/50Hz	2050	1450	0,37	2,50	70	24
RSDP 31B/6/50.Ex	① 1316503	400V/50Hz	1250	950	0,18	1,20	70	23

Atex Notification Certificat Number : IEP 22 ATEX N 406  
CE Type Examination Number : IEP 16 ATEX 0402X  
Product Quality Assurance Notification : IEP 25 ATEX Q1643  
Notified Body Number : 2284  
ATEX 2014/34/EU - EN 14986 : 2007  
EN 60079-0 : 2012 - EN 13463-1 : 2011

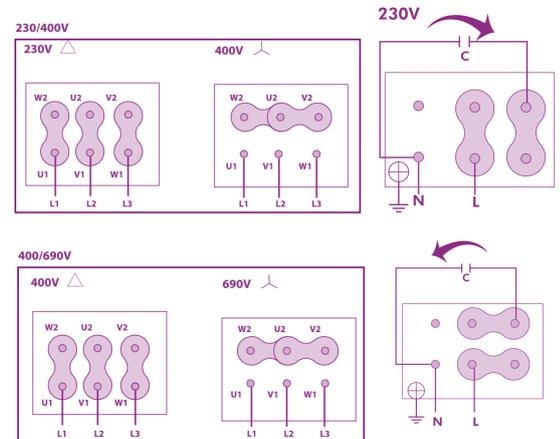
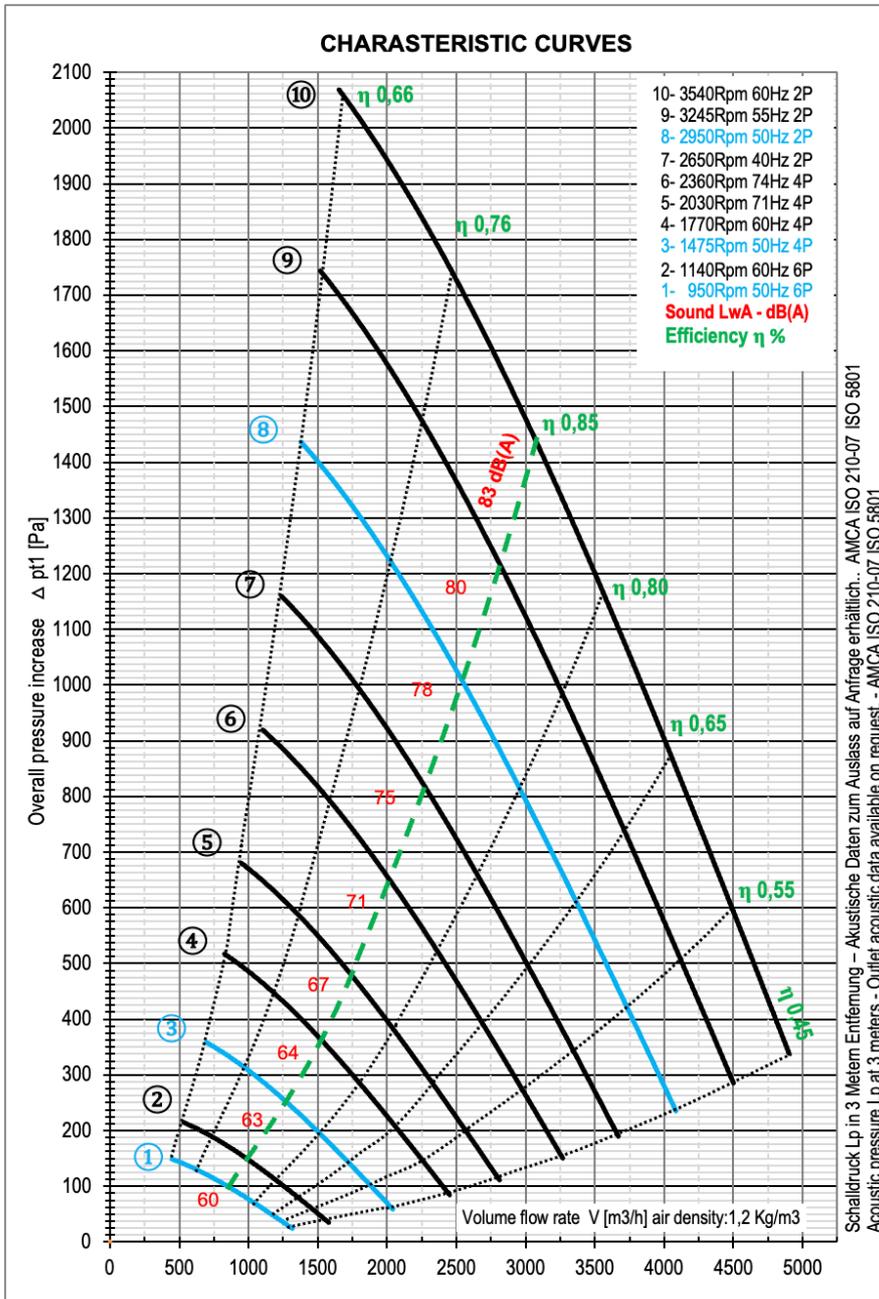
**ZONE1 - ZONE 2**



Management System  
**ISO 9001:2015**  
ID : 01 100 902038  
www.tuv.com



New reinforced backward curved Aerofoil impeller



Model	Speed Rpm	Freq Hz	Pw Kw	Lp dB(A)	Total Pressure $\Delta$ pt (Pa) / Volume Flow Rate (m3/h)													
					25	50	75	100	125	150	200	250	300	350	400	450	500	
RSDP 31B/6/50..	①	950	50Hz	0,25	61	1250	1100	1000	850	600								
RSDP 31B/6/60..	②	1140	60Hz	0,25	62	1600	1500	1400	1250	750								
RSDP 31B/4/50..	③	1450	50Hz	0,37	63		2050	1950	1900	1850	1750	1500	1250	1000				
RSDP 31B/4/60..	④	1770	60Hz	0,37	64				2450	2350	2250	2125	1950	1750	1500	1375	1250	
RSDP 31B/4/71..	⑤	2030	71Hz	0,37	65				2750	2650	2550	2450	2350	2250	2125	2000	1750	1700

Model	Speed Rpm	Freq Hz	Pw Kw	Lp dB(A)	Total Pressure $\Delta$ pt (Pa) / Volume Flow Rate (m3/h)													
					200	250	300	400	500	600	700	800	900	1000	1200	1400	1600	
RSDP 31B/4/74..	⑥	2350	74Hz	0,55	67	3125	3000	2900	2650	2400	2150	1950	1500					
RSDP 31B/2/40..	⑦	2650	40Hz	0,75	71	3650	3550	3450	3250	3000	2750	2500	2250	2000	1750			
RSDP 31B/2/50..	⑧	2950	50Hz	1,10	74		4125	4000	3750	3600	3450	3250	3000	2750	2500	2000	1500	
RSDP 31B/2/55..	⑨	3250	55Hz	1,50	75			4500	4250	4125	4000	3750	3625	3475	3250	2800	2500	2000
RSDP 31B/2/60..	⑩	3540	60Hz	2,20	77				4750	4630	4500	4300	4200	4000	3650	3500	3200	2750

(Direct Coupled) 1,3 and 8 operating points products without speed adjuster

(Direktantrieb) 1,3 und 8 Betriebspunkte Produkte ohne Drehzahlsteller