

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.

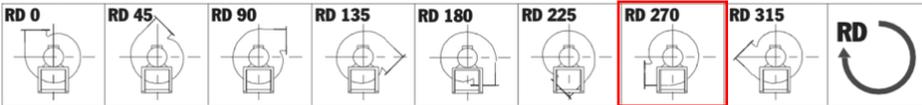
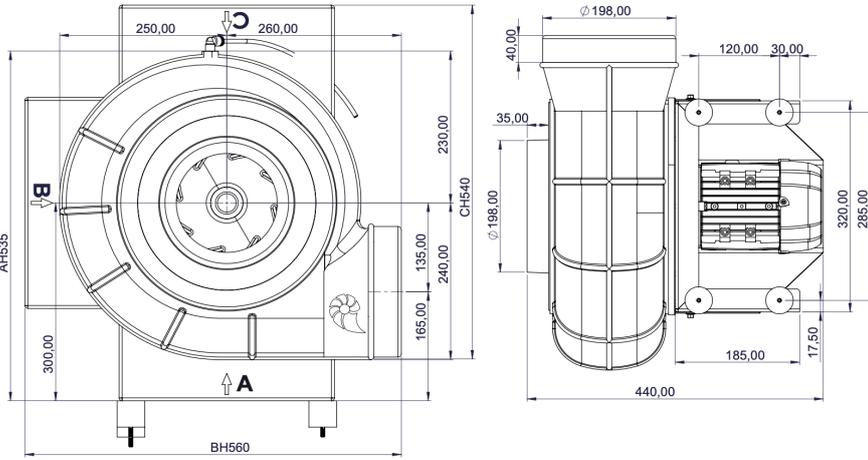
Korozif Gazlar ve Buharlar için Plastik Endüstriyel Radyal Fanlar RSDP serisi santrifuj fanlar özellikle Asidik ve Korozif ortamların havalandırılması için tasarlanmıştır. Aşındırıcı gazlar, kirlı hava veya diđer agresif bileşenler egzoz havasının bir parçası olduđunda kullanılacak dođru üründür. Tipik 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 deđiştirilebilir. 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 435x465x510(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 ³ /h	min ⁻¹	Kw	Amp	+°C	Kg	
RSDP 25B/2/50.T	⑧ 1252501	400V/50Hz	2150	2950	0,37	0,97	70	16	
RSDP 25B/4/50.T	③ 1254501	400V/50Hz	1100	1450	0,37	0,97	70	16	
RSDP 25B/2/50.M	⑧ 1252502	230V/50Hz	2150	2950	0,37	2,50	70	16	
RSDP 25B/4/50.M	③ 1254502	230V/50Hz	1100	1450	0,37	2,50	70	16	
RSDP 25B/6/50.T	① 1256501	400V/50Hz	700	950	0,18	1,20	70	16	
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 25B/2/50.Ex	⑧ 1252503	400V/50Hz	2150	2950	0,37	0,97	70	16	
RSDP 25B/4/50.Ex	③ 1254503	400V/50Hz	1100	1450	0,37	0,97	70	16	
RSDP 25B/2/50.Ex M	⑧ 1252504	230V/50Hz	2150	2950	0,37	2,50	70	17	
RSDP 25B/4/50.Ex.M	③ 1254504	230V/50Hz	1100	1450	0,37	2,50	70	17	
RSDP 25B/6/50.Ex	① 1256503	400V/50Hz	700	950	0,18	1,20	70	16	

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

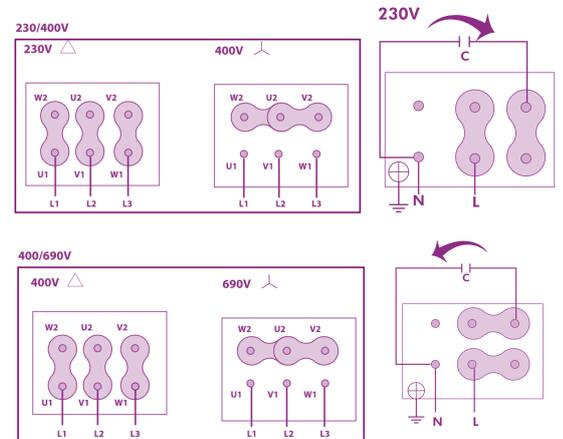
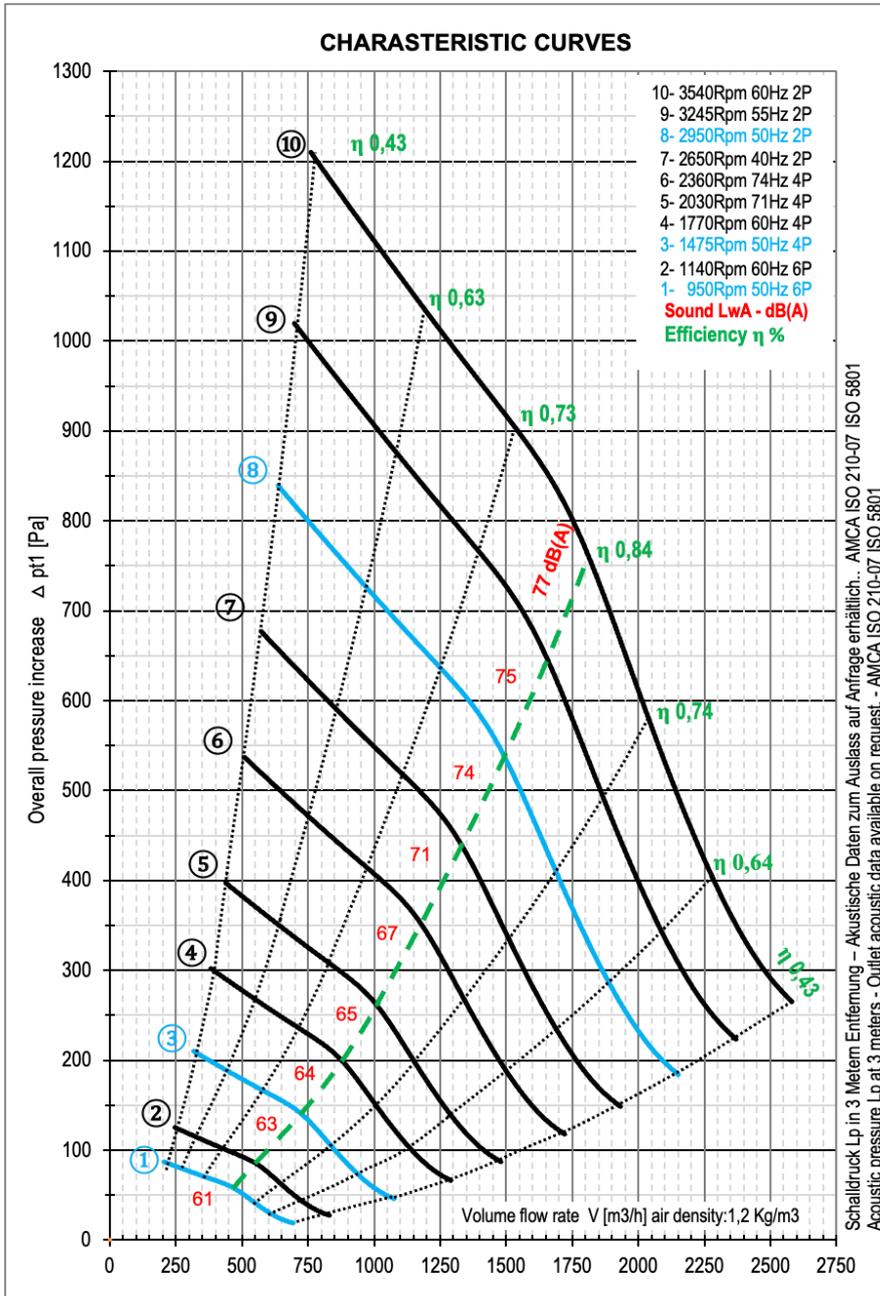
ZONE1 - ZONE 2



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 Δp_t (Pa) / Volume Flow Rate (m ³ /h)														
					25	50	75	100	125	150	175	200	225	250	275	300	350		
RSDP 25B/6/50..	① 950	50Hz	0,18	61	700	500	280												
RSDP 25B/6/60..	② 1140	60Hz	0,18	62	850	700	600	480	280										
RSDP 25B/4/50..	③ 1450	50Hz	0,37	63		1100	950	850	750	650	550	400							
RSDP 25B/4/60..	④ 1770	60Hz	0,37	64		1250	1100	1050	1000	925	850	650	600	530	350				
RSDP 25B/4/71..	⑤ 2030	71Hz	0,37	65		1500	1400	1350	1300	1225	1125	1090	1050	1000	900	650			

Model	Speed Rpm	Freq Hz	Pw Kw	Lp dB(A)	Total Pressure Δp_t (Pa) / Volume Flow Rate (m ³ /h)															
					150	175	200	250	300	400	500	600	700	800	900	1000	1100			
RSDP 25B/4/74..	⑥ 2350	74Hz	0,37	67	1690	1580	1500	1400	1250	1000	600									
RSDP 25B/2/40..	⑦ 2650	40Hz	0,37	71	1900	1830	1750	1690	1600	1450	1180	850								
RSDP 25B/2/50..	⑧ 2950	50Hz	0,37	74		2150	2100	2000	1880	1700	1575	1400	1050	750						
RSDP 25B/2/55..	⑨ 3250	55Hz	0,37	75		2400	2250	2150	2000	1850	1700	1600	1300	1000	750					
RSDP 25B/2/60..	⑩ 3540	60Hz	0,37	77					2500	2250	2150	2000	1850	1750	1500	1250	1000			

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

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