

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.

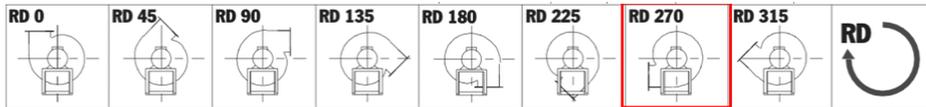
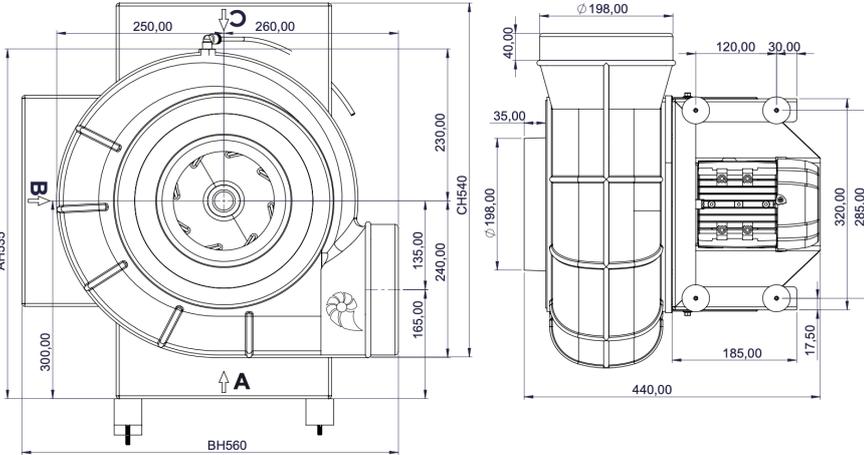
Korozif Gazlar ve Buharlar için Plastik Endüstriyel Radyal Fanlar RSDP serisi santrifuj fanlar özellikle Asidik ve Korozif ortamların havalandırılması için tasarlanmıştır. Aşındırıcı gazlar, kirlı hava veya diđer agresif bileşenler egzoz havasının bir parçası olduđunda kullanılacak dođru üründür. Tipik 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 560x470x610(h)

Atex caution warning plate

Atex Certified 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 22B/2/50.T	⑧ 1222501	400V/50Hz	1400	2950	0,37	0,97	70	14	
RSDP 22B/4/50.T	③ 1224501	400V/50Hz	700	1475	0,37	0,97	70	14	
RSDP 22B/2/50.M	⑧ 1222502	230V/50Hz	1400	2950	0,37	2,50	70	14	
RSDP 22B/4/50.M	③ 1224502	230V/50Hz	700	1475	0,37	2,50	70	14	
RSDP 22B/6/50.T	① 1226501	400V/50Hz	450	950	0,18	1,20	70	14	
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 22B/2/50.Ex	⑧ 1222503	400V/50Hz	1400	2950	0,37	0,97	70	14	
RSDP 22B/4/50.Ex	③ 1224503	400V/50Hz	700	1475	0,37	0,97	70	14	
RSDP 22B/2/50.Ex M	⑧ 1222504	230V/50Hz	1400	2950	0,37	2,50	70	15	
RSDP 22B/4/50.Ex.M	③ 1224504	230V/50Hz	700	1475	0,37	2,50	70	15	
RSDP 22B/6/50.Ex	① 1226503	400V/50Hz	450	950	0,18	1,20	70	15	

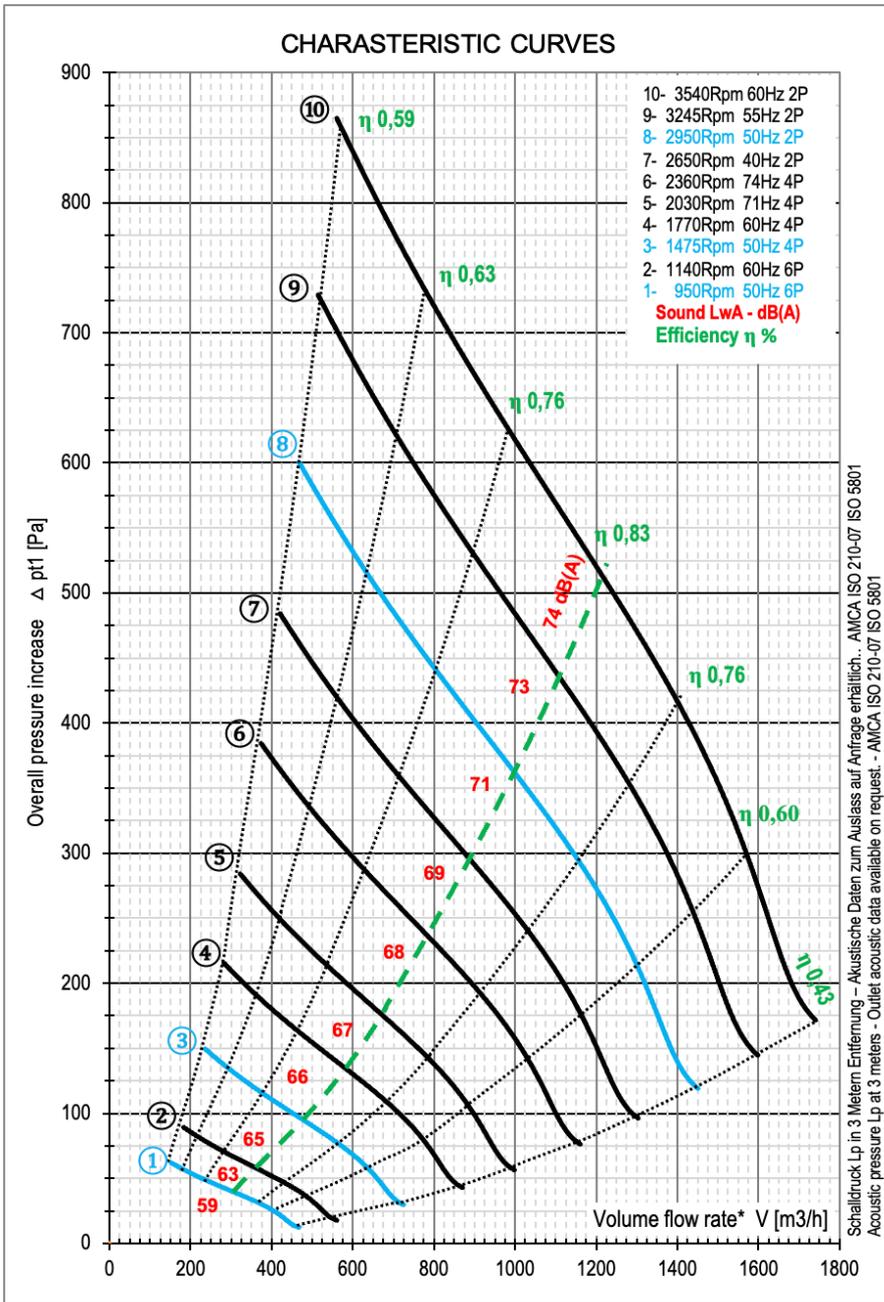
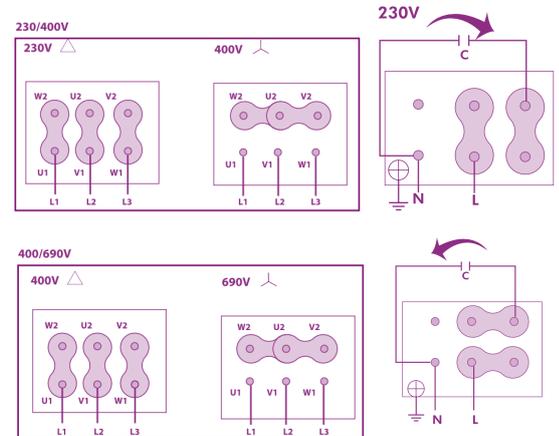
Atex Notification Certificat Number : IEP 22 ATEX N 406
 CE Type Examination Number : IEP 16 ATEX 0402X
 Product Quality Assurance Notification : IEP 25 ATEX Q1643
 Notified Body Number : 2284
ATEX 2014/34/EU - EN 14986 : 2007
 EN 60079-0 : 2012 - EN 13463-1 : 2011
ZONE 1 - ZONE 2



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



New reinforced backward curved Aerofoil impeller



Model	Speed	Freq.	P	Sound	Total Pressure Δ pt (Pa) / Volume Flow Rate (m3/h)												
	Rpm	Hz	Kw	dB(A)	10	25	50	75	100	125	150	175	200	225	250	275	300
RSDP 22B/6/50.. ①	950	50Hz	0,18	59	450	400	200										
RSDP 22B/6/60.. ②	1140	60Hz	0,18	63		575	400	300									
RSDP 22B/4/50.. ③	1475	50Hz	0,37	55			700	580	420	275	200						
RSDP 22B/4/60.. ④	1770	60Hz	0,37	66			850	800	775	650	575	450	350				
RSDP 22B/4/71.. ⑤	2030	71Hz	0,37	67				950	900	850	800	700	650	500	450	400	300

Model	Speed	Freq.	P	Sound	Total Pressure Δ pt (Pa) / Volume Flow Rate (m3/h)														
	Rpm	Hz	Kw	dB(A)	100	150	200	250	300	350	400	450	500	550	600	700	800		
RSDP 22B/4/74.. ⑥	2350	74Hz	0,37	68	1150	1050	950	800	650	500	400								
RSDP 22B/2/40.. ⑦	2650	40Hz	0,37	69	1300	1200	1150	1000	870	800	650	550	450	500					
RSDP 22B/2/50.. ⑧	2950	50Hz	0,37	71			1400	1300	1250	1150	1000	900	800	700	580	500			
RSDP 22B/2/55.. ⑨	3250	55Hz	0,37	73				1550	1500	1400	1350	1250	1150	1000	900	800	600		
RSDP 22B/2/60.. ⑩	3540	60Hz	0,37	74					1750	1650	1580	1500	1500	1450	1300	1270	1100	850	700

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

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