

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.

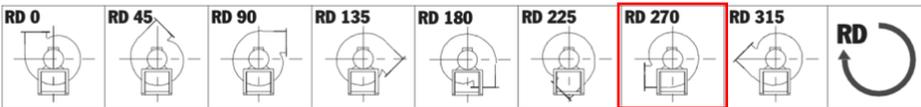
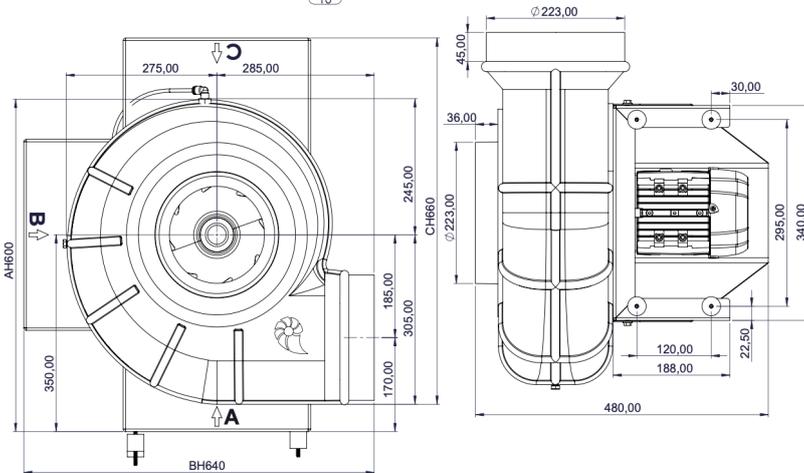
Korozif Gazlar ve Buharlar için Plastik Endüstriyel Radyal Fanlar RSDP serisi santrifuj fanlar özellikle Asidik ve Korozif ortamların havalandırılması için tasarlanmıştır. Aşındırıcı gazlar, kirli hava veya diğer agresif bileşenler egzoz havasının bir parçası olduğunda kullanılacak doğru üründür. Tipik 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 sökülerek 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 610X530X690(h)

Atex caution warning plate

Atex Flexible inlet and outlet connectors

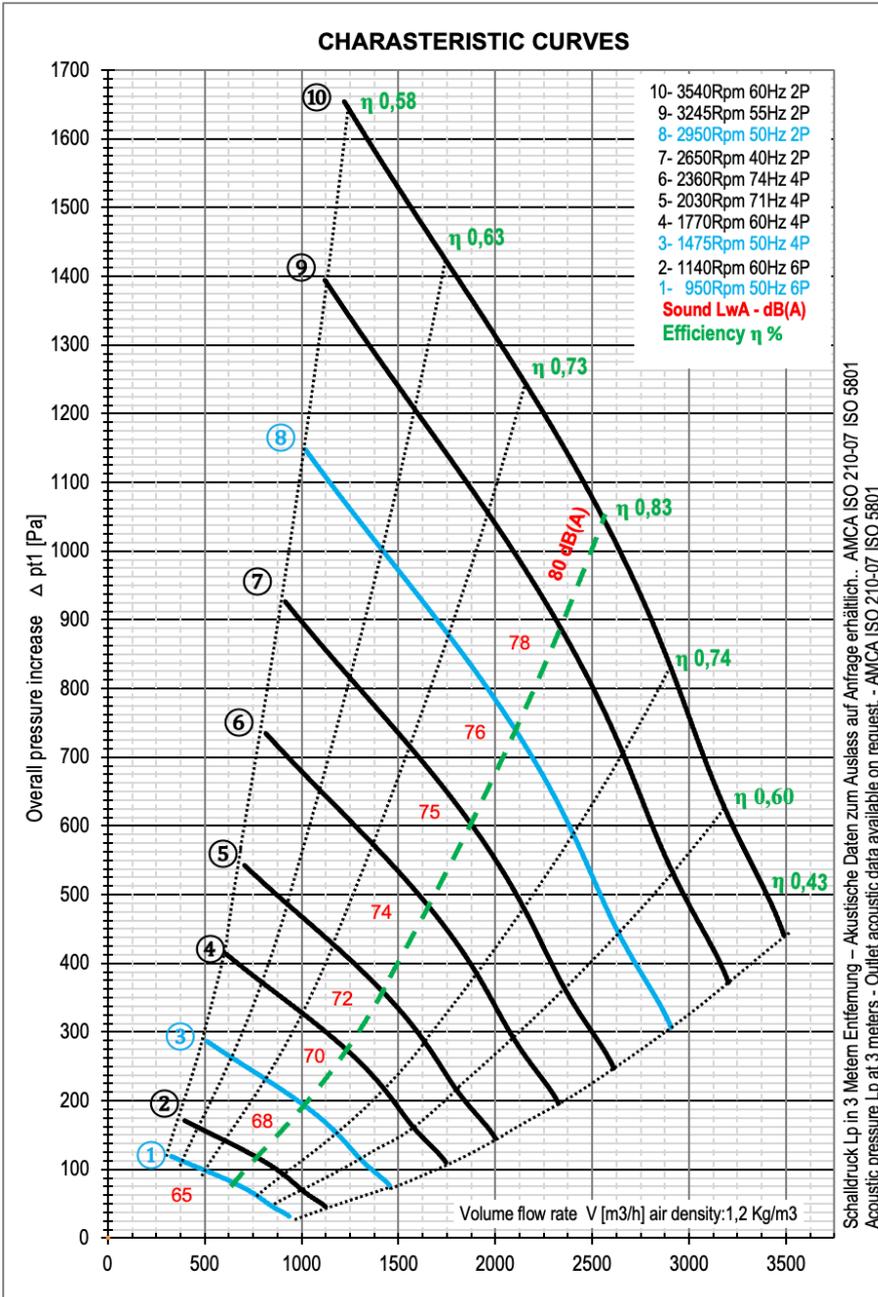


Model	Sipariş Kodu	Supply	Air Flow	Speed	Motor	Current	Temp.	Weight
	Code	V	m ³ /h	min ⁻¹	Kw	Amp	+°C	Kg
RSDP 28B/2/50.T	⑧ 1282501	400V/50Hz	2950	2950	0,75	1,75	70	21
RSDP 28B/4/50.T	③ 1284501	400V/50Hz	1450	1450	0,37	0,97	70	18
RSDP 28B/2/50.M	⑧ 1282502	230V/50Hz	2900	2950	0,75	5,00	70	21
RSDP 28B/4/50.M	③ 1284502	230V/50Hz	1450	1450	0,37	1,75	70	18
RSDP 28B/6/50.T	① 1286501	400V/50Hz	950	950	0,18	1,20	70	19
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 28B/2/50.Ex	⑧ 1282503	400V/50Hz	2950	2950	0,75	1,75	70	21
RSDP 28B/4/50.Ex	③ 1284503	400V/50Hz	1450	1450	0,37	0,97	70	18
RSDP 28B/2/50.Ex M	⑧ 1282504	230V/50Hz	2950	2950	0,75	3,00	70	22
RSDP 28B/4/50.Ex.M	③ 1284504	230V/50Hz	1450	1450	0,37	1,50	70	21
RSDP 28B/6/50.Ex	① 1286504	400V/50Hz	950	950	0,18	1,20	70	20

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



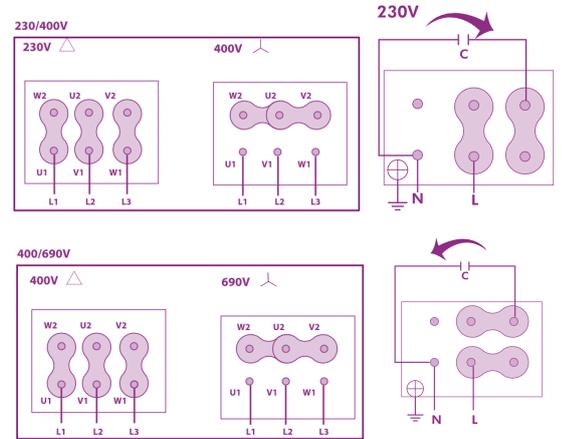
Management System
ISO 9001:2015
 ID : 01 100 902038
 www.tuv.com



Schalldruck Lp in 3 Metern Entfernung - Akustische Daten zum Auslass auf Anfrage erhältlich. - AMCA ISO 210-07 ISO 5801
 Acoustic pressure Lp at 3 meters - Outlet acoustic data available on request. - AMCA ISO 210-07 ISO 5801



New reinforced backward curved Aerofoil impeller



Model	Speed	Freq	Pw	Lp	Total Pressure Δpt (Pa) / Volume Flow Rate (m3/h)													
					25	50	100	125	150	175	200	225	250	300	350	400	450	
RSDP 28B/6/50..	① 950	50Hz	0,18	61	950	860	500	300										
RSDP 28B/6/60..	② 1140	60Hz	0,18	62		1100	900	750	650									
RSDP 28B/4/50..	③ 1450	50Hz	0,37	63			1350	1300	1250	1180	1000	950	750	500				
RSDP 28B/4/60..	④ 1770	60Hz	0,37	64			1750	1700	1650	1575	1500	1400	1300	1150	900	750		
RSDP 28B/4/71..	⑤ 2030	71Hz	0,37	65						2000	1900	1830	1750	1650	1450	1250	1000	

Model	Speed	Freq	Pw	Lp	Total Pressure Δpt (Pa) / Volume Flow Rate (m3/h)													
					200	300	400	500	600	700	800	900	1000	1100	1200	1300	1500	
RSDP 28B/4/74..	⑥ 2350	74Hz	0,55	67	2300	2100	1850	1650	1250	900								
RSDP 28B/2/40..	⑦ 2650	40Hz	0,55	71	2500	2450	2200	1850	1650	1250	1000							
RSDP 28B/2/50..	⑧ 2950	50Hz	0,75	74	2950	2750	2650	2450	2200	2000	1750	1450	1125					
RSDP 28B/2/55..	⑨ 3250	55Hz	1,10	75			3125	3000	2750	2700	2500	2320	2150	1800	1650	1250		
RSDP 28B/2/60..	⑩ 3450	60Hz	1,50	77			3500	3400	3250	3150	2950	2750	2650	2450	2250	2000	1500	

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

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