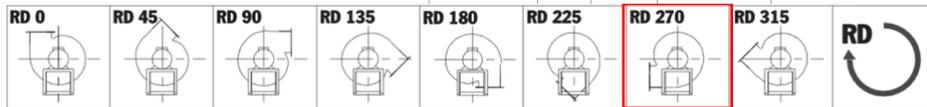
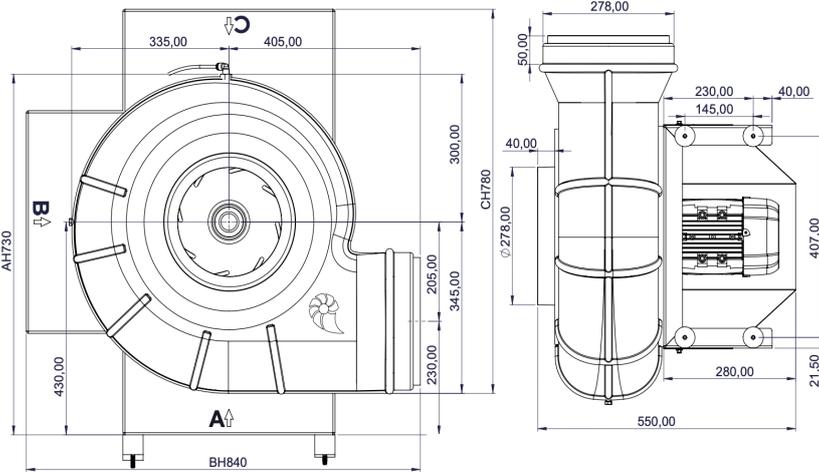


PP Fans for industrial Corrosive – Acidic – Explosive Air Transportation Systems RSDP series centrifugal fans are specifically designed for ventilation of Acidic and Corrosive environments. It is the ideal product to use when corrosive gases, polluted air or other aggressive components are part of the 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 785 x 600 x 875(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 35B/2/50.T	⑧ 1352501	400V/50Hz	6000	2950	2,20	5,00	70	36	
RSDP 35B/4/50.T	③ 1354501	400V/50Hz	3000	1450	0,37	1,10	70	25	
RSDP 35B/2/50.M*	⑧ 1352502	230V/50Hz	6000	2950	2,20	7,90	70	38	
RSDP 35B/4/50.M	③ 1354502	230V/50Hz	3000	1450	0,37	2,50	70	26	
RSDP 35B/6/50.T	① 1356501	400V/50Hz	2000	950	0,25	0,70	70	26	
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 35B/2/50.Ex	⑧ 1352503	400V/50Hz	6000	2950	2,20	5,00	70	37	
RSDP 35B/4/50.Ex	③ 1354503	400V/50Hz	3000	1450	0,37	1,00	70	25	
RSDP 35B/2/50.Ex M*	⑧ 1352504	230V/50Hz	6000	2950	2,20	7,90	70	39	
RSDP 35B/4/50.Ex.M	③ 1354504	230V/50Hz	3000	1450	0,37	2,50	70	26	
RSDP 35B/6/50.Ex	① 1356503	400V/50Hz	2000	950	0,25	1,20	70	26	

** Only Variable Frequency Invertor 400/230V – Sadece sürücü ile Elde edilebilir

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

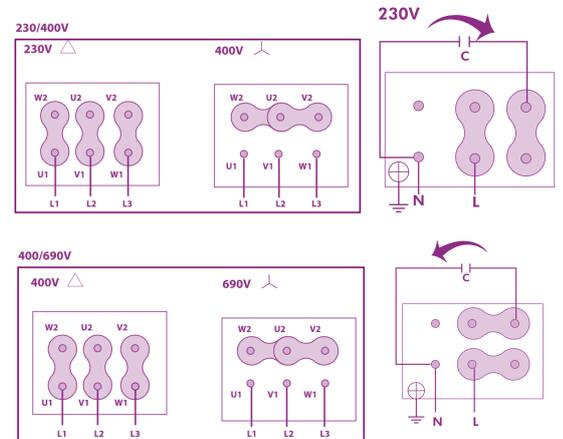
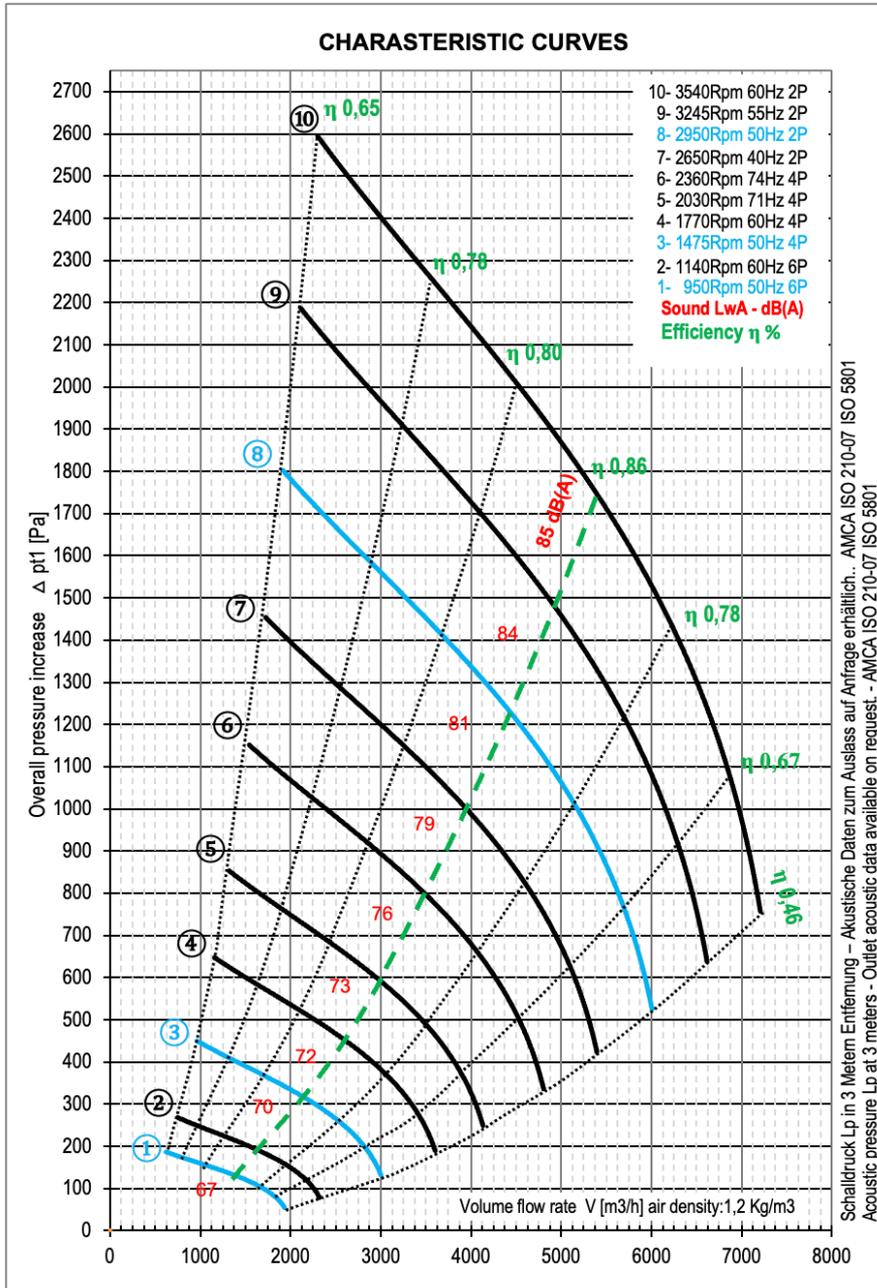
ZONE1 - ZONE 2



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)												
					50	100	150	200	250	300	350	400	450	500	550	650	750
RSDP 35B/6/50..	① 950	50Hz	0,25	67	2000	1650	1000	800									
RSDP 35B/6/60..	② 1140	60Hz	0,25	68		2250	2000	1500	1000								
RSDP 35B/4/50..	③ 1450	50Hz	0,37	70			3000	2900	2500	2250	2000	1250	1000				
RSDP 35B/4/60..	④ 1770	60Hz	0,55	72				3650	3500	3400	3200	3000	2500	2250	1900		
RSDP 35B/4/71..	⑤ 2030	71Hz	1,10	73					4100	4000	3900	3700	3600	3500	3100	2500	2000

Model	Speed Rpm	Freq Hz	Pw Kw	Lp dB(A)	Total Pressure Δp_t (Pa) / Volume Flow Rate (m ³ /h)													
					500	600	700	800	900	1000	1100	1200	1300	1400	1600	1800	2000	
RSDP 35B/4/74..	⑥ 2350	74Hz	1,50	76	4500	4200	4000	3500	3000	2350	1900							
RSDP 35B/2/40..	⑦ 2650	40Hz	2,20	79	5400	5200	5000	4700	4300	4000	3500	3000	2500	2000				
RSDP 35B/2/50..	⑧ 2950	50Hz	2,20	81	6000	5950	5880	5800	5450	5150	4950	4500	4200	3800	2900	2000		
RSDP 35B/2/55..	⑨ 3250	55Hz	3,00	84		6800	6650	6500	6370	6150	6000	5800	5420	5125	4500	3800	3000	
RSDP 35B/2/60..	⑩ 3540	60Hz	4,00	85				7200	7120	7080	7000	6850	6700	6500	6250	5800	5250	4500

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

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