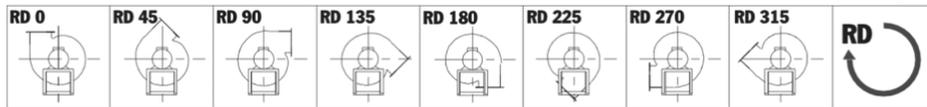
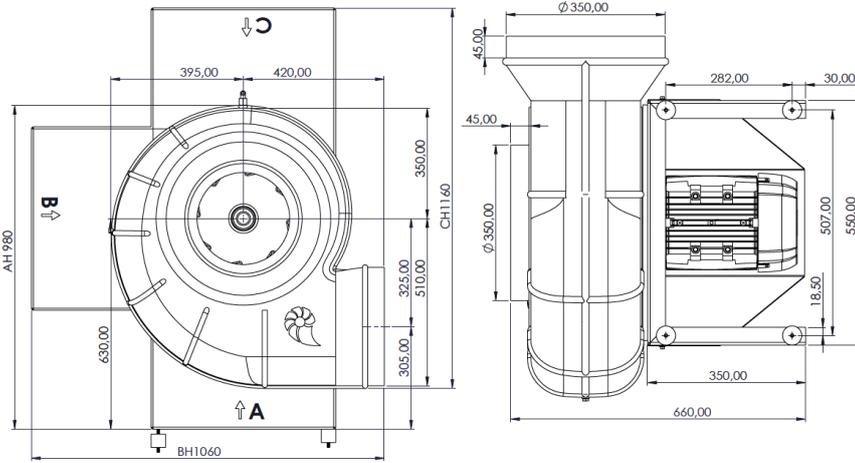


PP Fans for industrial Corrosive – Acidic – Explosive Air Transportation Systems RSDP series centrifugal fans are specifically designed for ventilation of Acidic and Corrosive environments. It is the ideal product to use when corrosive gases, polluted air or other aggressive components are part of the 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 890 x 710 x 1200(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 45B/2/50.T	⑧ 1452501	400V/50Hz	11000	2950	5,50	11,00	70	49	
RSDP 45B/4/50.T	③ 1454501	400V/50Hz	5850	1450	1,10	2,50	70	43	
RSDP 45B/4/50.M	③ 1454502	230V/50Hz	5850	1450	1,10	5,00	70	45	
RSDP 45B/6/50.T	① 1456501	400V/50Hz	3800	950	0,55	2,50	70	43	
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 45B/2/50.Ex	⑧ 1452503	400V/50Hz	11000	2950	5,50	8,60	70	49	
RSDP 45B/4/50.Ex	③ 1454503	400V/50Hz	5850	1450	1,10	1,58	70	45	
RSDP 45B/4/50.Ex(M)*	③ 1454504	230V/50Hz	5850	1450	1,10	3,80	70	48	
RSDP 45B/6/50.Ex	① 1456503	400V/50Hz	3800	950	0,55	0,70	70	43	

** Only Variable Frequency Invertor 400/230V

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

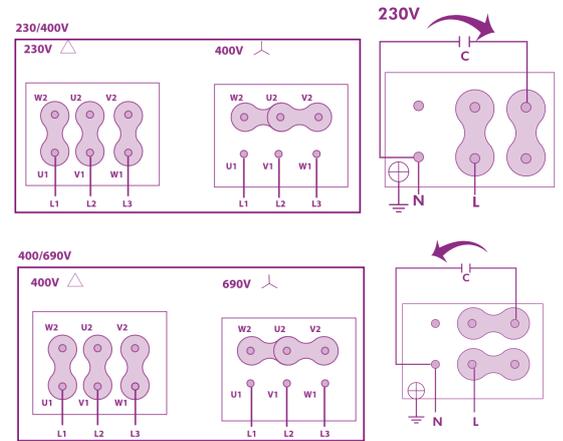
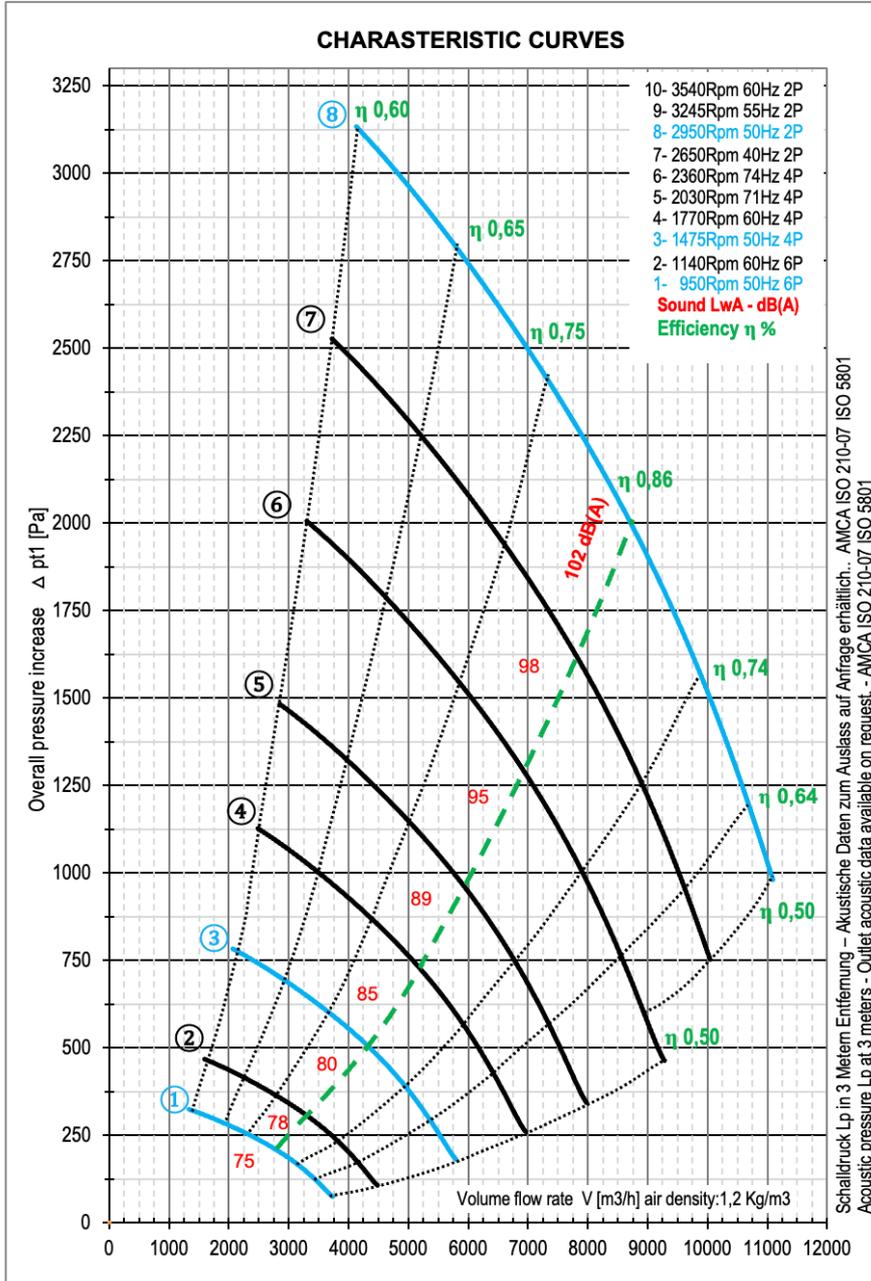
ZONE1 - ZONE 2



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	200	300	400	500	600	700	800	900	1000	1100	1250	
RSDP 45B/6/50..	① 950	50Hz	0,55	75	3800	3500	2800	1500										
RSDP 45B/6/60..	② 1140	60Hz	0,55	78		3800	4200	3500	2500	1000								
RSDP 45B/4/50..	③ 1450	50Hz	1,10	80			5800	5500	4800	4300	3900	3000						
RSDP 45B/4/60..	④ 1770	60Hz	1,50	85				6900	6400	6200	5800	5400	4600	4000	3500			
RSDP 45B/4/71..	⑤ 2030	71Hz	2,20	89					8000	7750	7500	7250	7000	6500	6000	5750	5450	4500

Model	Speed Rpm	Freq Hz	Pw Kw	Lp dB(A)	Total Pressure Δp_t (Pa) / Volume Flow Rate (m ³ /h)															
					500	700	800	900	1000	1200	1400	1600	1800	2000	2200	2500	2750			
RSDP 45B/4/74..	⑥ 2350	74Hz	3,00	95	9050	8850	8500	8250	8000	7500	6500	5800	4800	3500						
RSDP 45B/2/40..	⑦ 2650	40Hz	4,00	98					10000	9900	9700	9500	9300	8500	7900	7200	6500	5800	4000	
RSDP 45B/2/50..	⑧ 2950	50Hz	5,50	102								11000	10700	10500	9600	9000	8800	8200	7000	6000

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

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