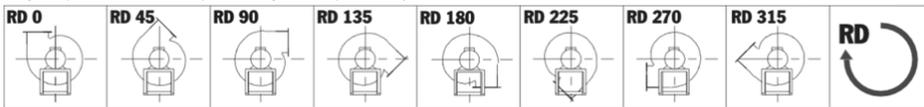
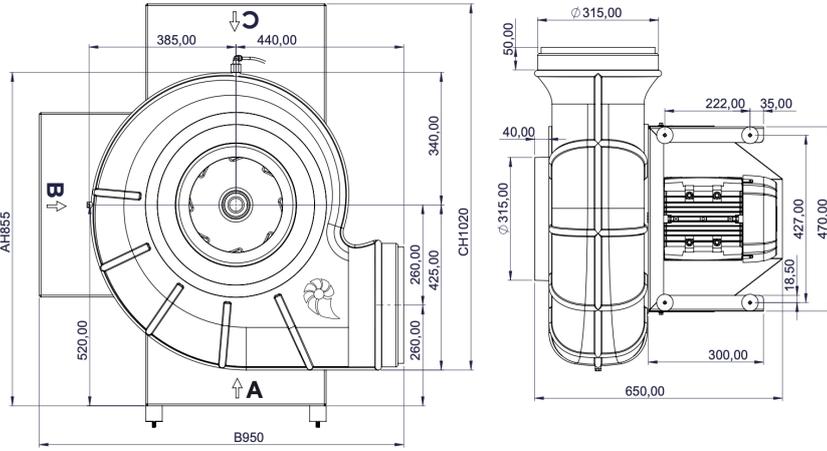


PP Fans for industrial Corrosive – Acidic – Explosive Air Transportation Systems RSDP series centrifugal fans are specifically designed for ventilation of Acidic and Corrosive environments. It is the ideal product to use when corrosive gases, polluted air or other aggressive components are part of the 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 çeliktir. Bütün bağlantı elemanları A4/316 kalite paslanmaz çeliktir. 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 865 x 700 x 1020(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 40B/2/50.T	⑧ 1402501	400V/50Hz	7500	2950	4,00	8,60	70	41	
RSDP 40B/4/50.T	③ 1404501	400V/50Hz	4000	1450	0,55	1,58	70	36	
RSDP 40B/4/50.M	③ 1404502	230V/50Hz	4000	1450	0,55	3,80	70	37	
RSDP 40B/6/50.T	① 1406501	400V/50Hz	2500	950	0,25	0,70	70	36	
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 40B/2/50.Ex	⑧ 1402503	400V/50Hz	7500	2950	4,00	8,60	70	42	
RSDP 40B/4/50.Ex	③ 1404503	400V/50Hz	4000	1450	0,55	1,58	70	36	
RSDP 40B/4/50.Ex.M	③ 1404504	230V/50Hz	4000	1450	0,55	3,80	70	37	
RSDP 40B/6/50.Ex	⑧ 1406503	400V/50Hz	2500	950	0,25	0,70	70	36	

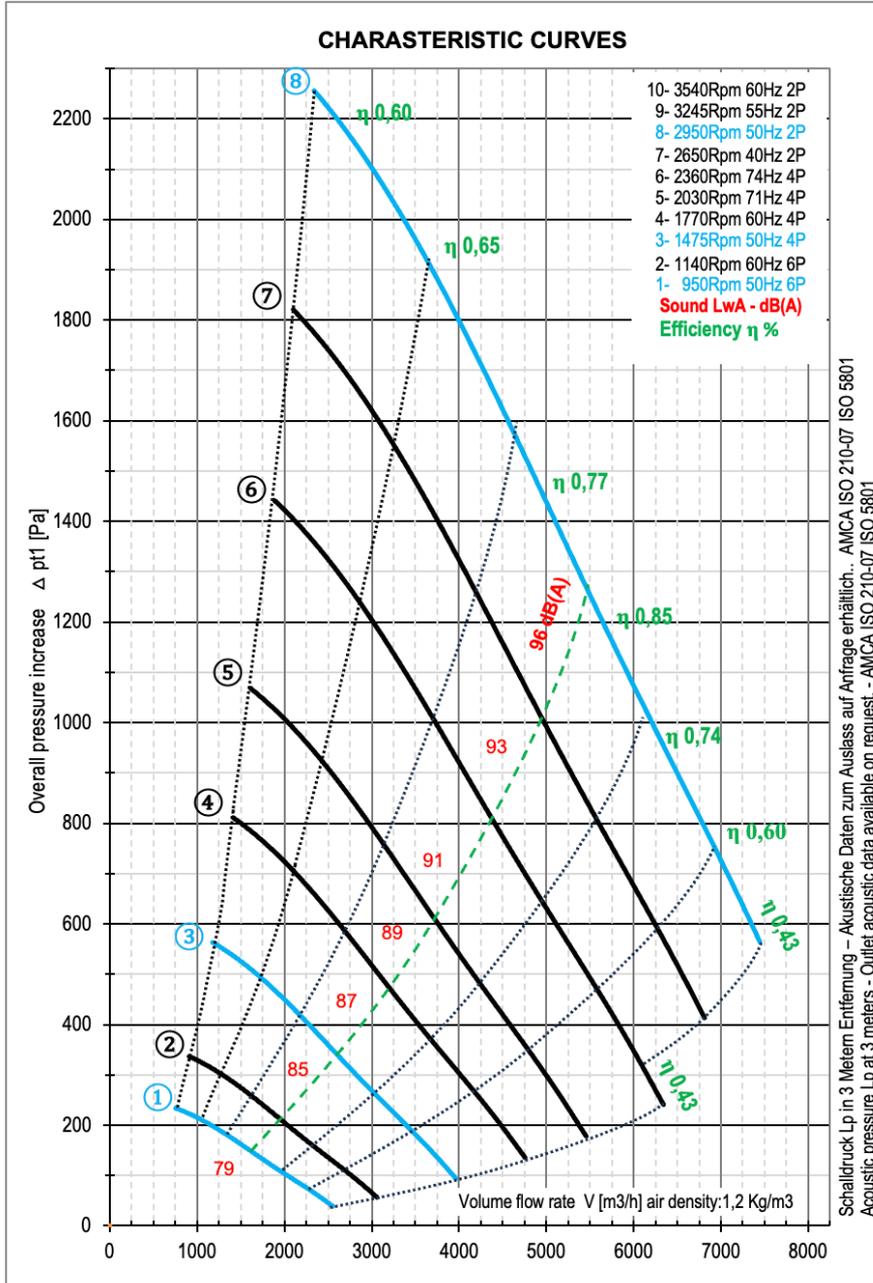
** Only Variable Frequency Invertor 400/230V

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

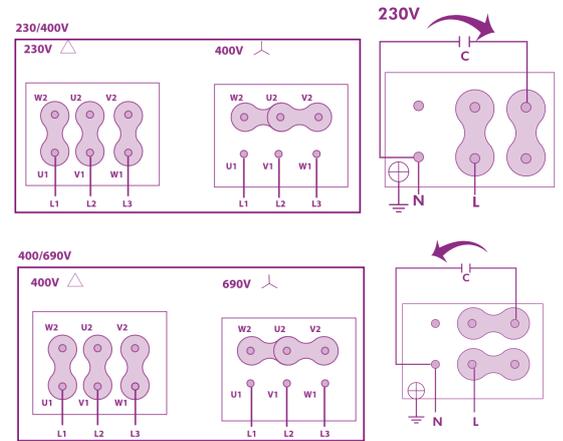
ZONE1 - ZONE 2



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 Δpt (Pa) / Volume Flow Rate (m3/h)														
					50	100	150	200	300	350	400	500	550	600	650	700	800		
RSDP 40B/6/50..	①	950	50Hz	0,25	79	2550	2000	1500	1000										
RSDP 40B/6/60..	②	1140	60Hz	0,25	83		2750	2400	2000	1150	1000								
RSDP 40B/4/50..	③	1450	50Hz	0,55	85		4000	3750	3500	2850	2600	2200	1850	1250					
RSDP 40B/4/60..	④	1770	60Hz	0,75	87					4500	4150	3800	3500	3000	2850	2600	2300	2100	
RSDP 40B/4/71..	⑤	2030	71Hz	1,50	89					5500	5000	4800	4500	4200	4000	3800	3600	3450	3000

Model	Speed Rpm	Freq Hz	Pw Kw	Lp dB(A)	Total Pressure Δpt (Pa) / Volume Flow Rate (m3/h)															
					300	400	500	600	700	800	900	1000	1100	1200	1300	1600	2000			
RSDP 40B/4/74..	⑥	2350	74Hz	2,20	91	6250	5850	5500	5000	4800	4500	4000	3750	3500	3000	2600				
RSDP 40B/2/40..	⑦	2650	40Hz	3,00	93		7000	6600	6250	6000	5500	5250	5000	4800	4300	4000	3000			
RSDP 40B/2/50..	⑧	2950	50Hz	4,00	96					7500	7000	6800	6500	6300	6100	5800	5500	4500	3500	

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

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