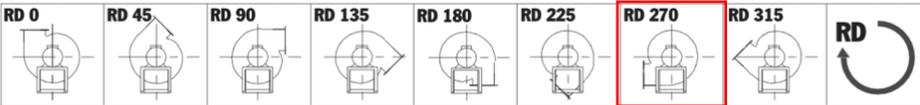
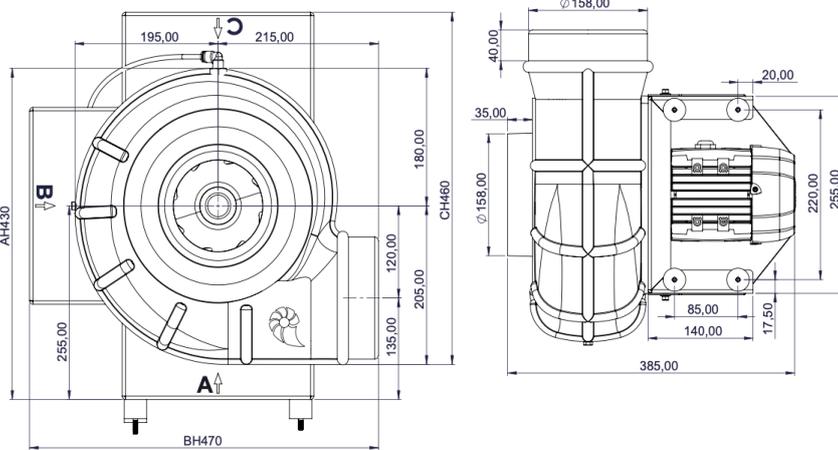


PP Fans for industrial Corrosive – Acidic – Explosive Air Transportation Systems RSDP series centrifugal fans are specifically designed for ventilation of Acidic and Corrosive environments. It is the ideal product to use when corrosive gases, polluted air or other aggressive components are part of the 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 435x465x510(h)



Atex caution warning plate

Atex Flexible inlet and outlet connectors

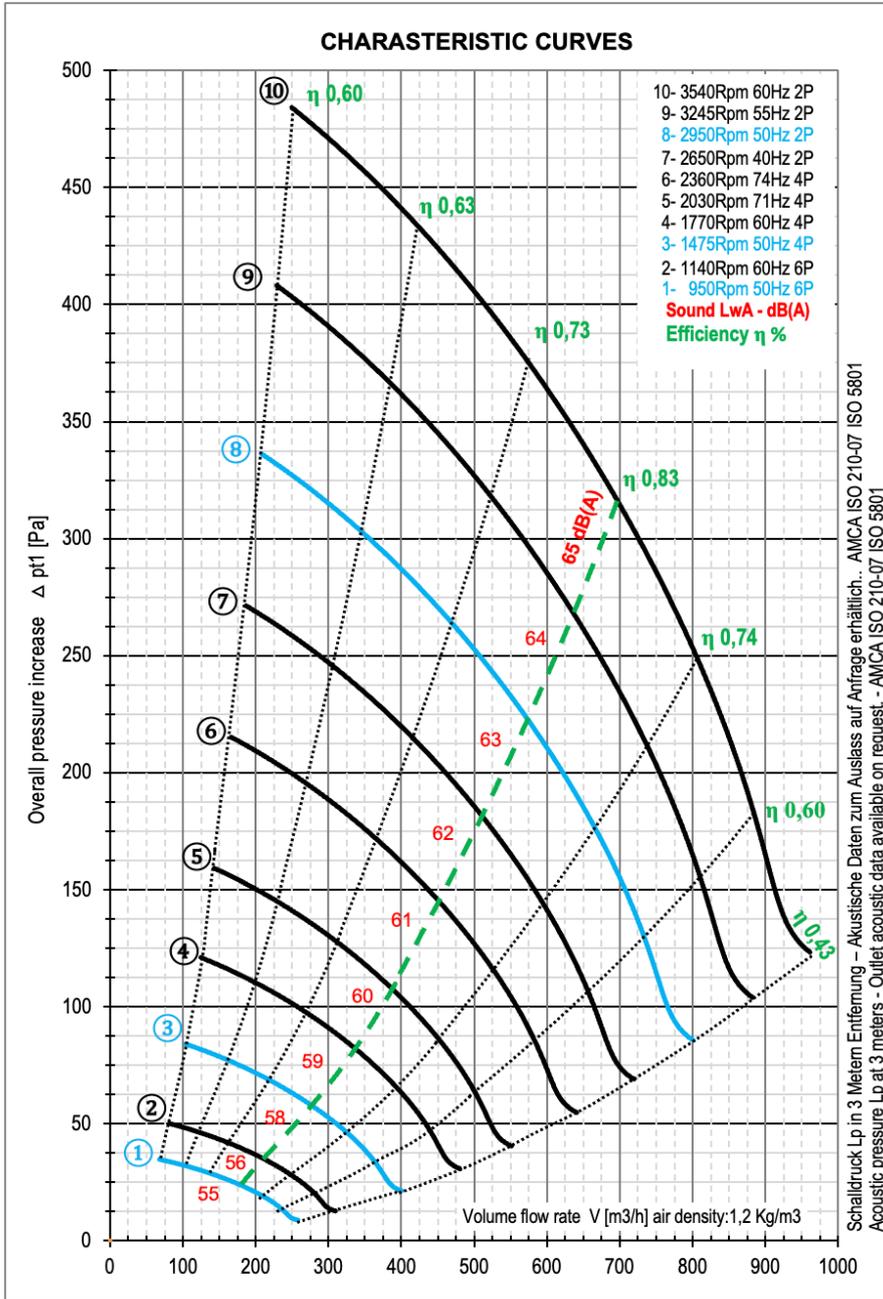
Type	Bestellnummer	Supply	Air Flow	Speed	Motor	Current	Temp.	Weight
	Order Number	V	m ³ /h	min ⁻¹	Kw	Amp	+°C	Kg
RSDP 18B/2/50.T	⑧ 1182501	400V/50Hz	800	2950	0,37	0,97	70	11
RSDP 18B/4/50.T	③ 1184501	400V/50Hz	400	1450	0,37	0,97	70	11
RSDP 18B/2/50.M	⑧ 1182502	230V/50Hz	800	2950	0,37	2,50	70	11
RSDP 18B/4/50.M	③ 1184502	230V/50Hz	400	1450	0,37	2,50	70	11
RSDP 18B/6/50.T	① 1186501	400V/50Hz	250	950	0,18	1,20	70	11
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 18B/2/50.Ex	⑧ 1182503	400V/50Hz	800	2950	0,37	0,97	70	11
RSDP 18B/4/50.Ex	③ 1184503	400V/50Hz	400	1450	0,37	0,97	70	11
RSDP 18B/2/50.Ex M	⑧ 1182504	230V/50Hz	800	2950	0,37	2,50	70	11
RSDP 18B/4/50.Ex.M	③ 1184504	230V/50Hz	400	1450	0,37	2,50	70	11
RSDP 18B/6/50.Ex	① 1186503	400V/50Hz	250	950	0,18	1,20	70	11

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
Modified Body Number : 2284
ATEX 2014/34/EU - EN 14986 : 2007
EN 60079-0 : 2012 - EN 13463-1 : 2011

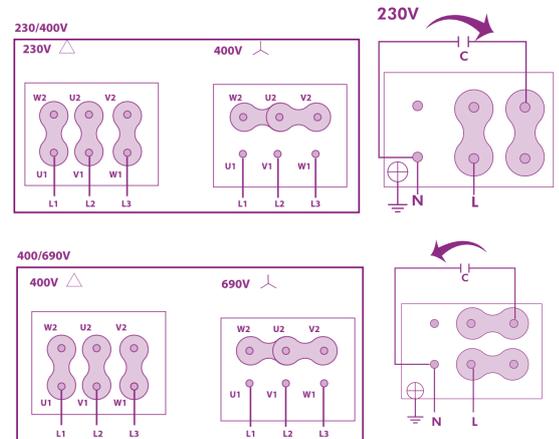
ZONE1 - ZONE 2



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



New reinforced backward curved Aerofoil impeller



Model	Speed	Frequency	Power	Sound	Total Pressure Δpt (Pa) / Volume Flow Rate (m ³ /h)													
					10	20	30	40	50	60	70	80	90	100	115	130	150	
RSDP 18B/6/50..	① 950	50Hz	0,18	55	250	200	180	150										
RSDP 18B/6/60..	② 1140	60Hz	0,18	56	300	280	250	200	100									
RSDP 18B/4/50..	③ 1450	50Hz	0,37	58		400	380	350	300	285	250	150	100					
RSDP 18B/4/60..	④ 1770	60Hz	0,37	59			480	450	425	400	375	350	315	260	210	190		
RSDP 18B/4/71..	⑤ 2030	71Hz	0,37	60				550	540	525	500	460	430	400	380	350	200	

Model	Speed	Frequency	Power	Sound	Total Pressure Δpt (Pa) / Volume Flow Rate (m ³ /h)													
					75	100	125	150	175	200	250	275	300	325	350	400	450	
RSDP 18B/4/74..	⑥ 2350	74Hz	0,37	61	600	550	500	450	375	250								
RSDP 18B/2/40..	⑦ 2650	40Hz	0,37	62	700	680	650	580	500	450	300							
RSDP 18B/2/50..	⑧ 2950	50Hz	0,37	63	800	750	730	700	650	625	500	450	350	300				
RSDP 18B/2/55..	⑨ 3250	55Hz	0,37	64			900	850	825	800	750	680	600	580	500	450	275	
RSDP 18B/2/60..	⑩ 3540	60Hz	0,37	65				950	925	900	880	800	750	700	675	625	500	390

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

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