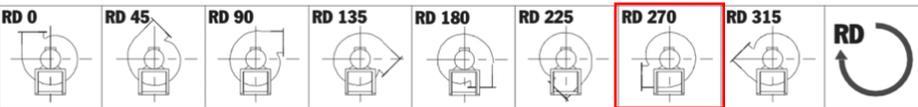
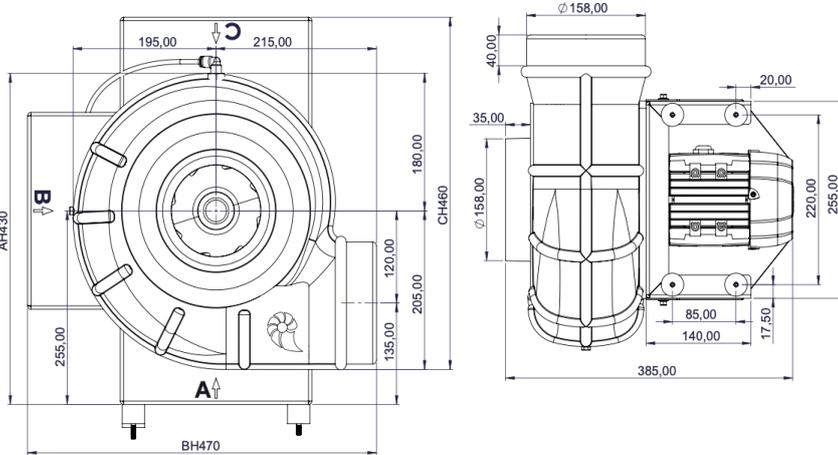


PP Fans for industrial Corrosive – Acidic – Explosive Air Transportation Systems RSDP series centrifugal fans are specifically designed for ventilation of Acidic and Corrosive environments. It is the ideal product to use when corrosive gases, polluted air or other aggressive components are part of the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



Atex caution warning plate
Atex Flexible inlet and outled connectors

Model	Sipariş Kodu	Supply	Air Flow	Speed	Motor	Current	Temp.	Weight
	Code	V	m ³ /h	min ⁻¹	Kw	Amp	+°C	Kg
RSDP 20B/2/50.T	⑧ 1202501	400V/50Hz	1000	2950	0,37	0,97	70	11
RSDP 20B/4/50.T	③ 1204501	400V/50Hz	500	1450	0,37	0,97	70	11
RSDP 20B/2/50.M	⑧ 1202502	230V/50Hz	1000	2950	0,37	2,50	70	11
RSDP 20B/4/50.M	③ 1204502	230V/50Hz	500	1450	0,37	2,50	70	11
RSDP 20B/6/50.T	① 1206501	400V/50Hz	350	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 20B/2/50.Ex	⑧ 1202503	400V/50Hz	1000	2950	0,37	0,97	70	11
RSDP 20B/4/50.Ex	③ 1204503	400V/50Hz	500	1450	0,37	0,97	70	11
RSDP 20B/2/50.Ex M	⑧ 1202504	230V/50Hz	1000	2950	0,37	2,50	70	11
RSDP 20B/4/50.Ex.M	③ 1204504	230V/50Hz	500	1450	0,37	2,50	70	11
RSDP 20B/6/50.Ex	① 1206503	400V/50Hz	350	950	0,18	1,20	70	11

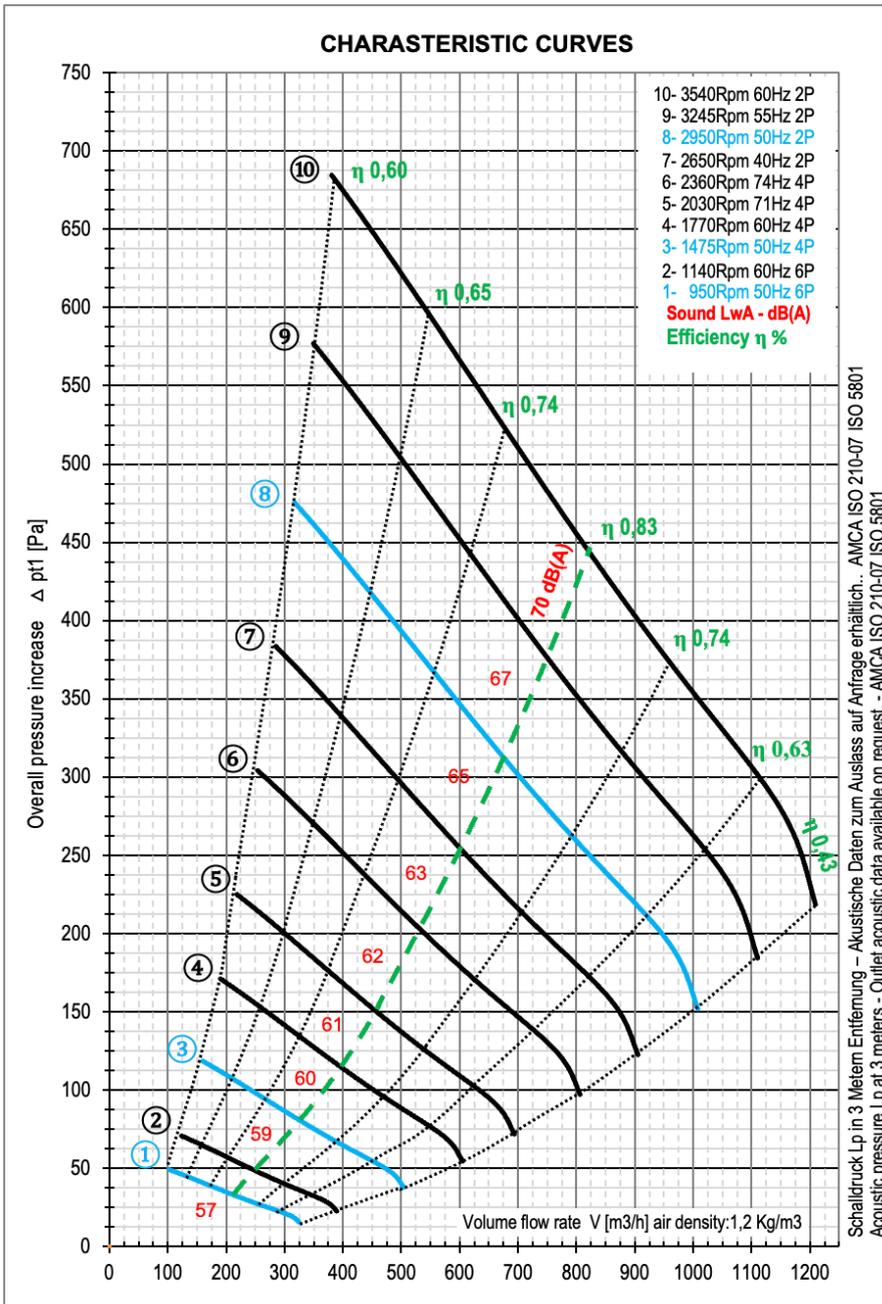
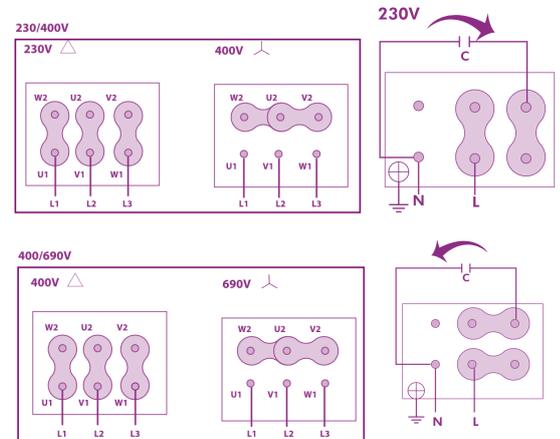
Atex Notification Certificat Number : IEP 22 ATEX N 406
 CE Type Examination Number : IEP 16 ATEX 0402X
 Product Quality Assurance Notification : IEP 25 ATEX Q1643
 Notified Body Number : 2284
 ATEX 2014/34/EU - EN 14986 : 2007
 EN 60079-0 : 2012 - EN 13463-1 : 2011
ZONE 1 - ZONE 2



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



New reinforced backward curved Aerofoil impeller



Model	Speed Rpm	Frequency Hz	Power Kw	Sound dB(A)	Total Pressure Δ pt (Pa) / Volume Flow Rate (m3/h)													
					20	40	50	60	70	80	90	100	125	150	175	200	225	
RSDP 20B/6/50.. ①	950	50Hz	0,18	57	350	200	100											
RSDP 20B/6/60.. ②	1140	60Hz	0,18	58	400	350	250	150	120									
RSDP 20B/4/50.. ③	1450	50Hz	0,37	59	500	480	430	380	300	260	220							
RSDP 20B/4/60.. ④	1770	60Hz	0,37	60		600	575	530	500	475	450	360	250	200				
RSDP 20B/4/71.. ⑤	2030	71Hz	0,37	61			700	690	660	650	630	550	450	350	300	250		

Model	Speed Rpm	Frequency Hz	Power Kw	Sound dB(A)	Total Pressure Δ pt (Pa) / Volume Flow Rate (m3/h)													
					100	125	150	175	200	250	275	300	350	400	450	500	650	
RSDP 20B/4/74.. ⑥	2350	74Hz	0,37	62	800	750	700	650	550	400	350							
RSDP 20B/2/40.. ⑦	2650	40Hz	0,37	63		900	850	800	750	600	550	500	380					
RSDP 20B/2/50.. ⑧	2950	50Hz	0,37	65			1000	950	875	825	780	700	600	500	390			
RSDP 20B/2/55.. ⑨	3250	55Hz	0,37	67				1150	1100	1050	950	900	800	700	600	500		
RSDP 20B/2/60.. ⑩	3540	60Hz	0,37	70					1200	1180	1170	1150	1100	1000	900	800	710	450

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

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