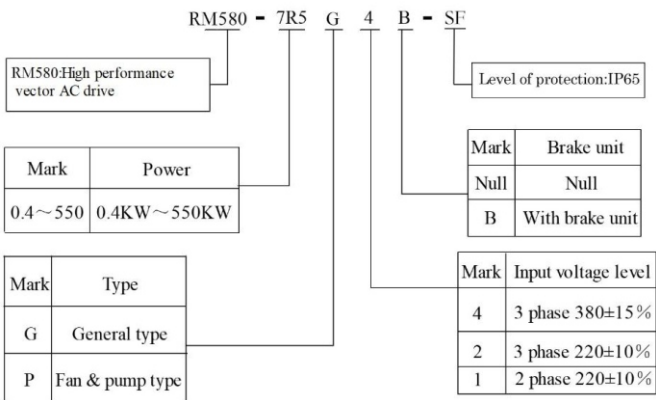




Model No



Technology Specifications

Item		Specifications
Input	Voltage Range	three phase 380V±15% three phase 220V±15% single phase 220V±15%
	Frequency	50/60Hz±5%
Output	Voltage	three phase 0~380V three phase 0~220V
	Frequency	0~3000Hz
	Overload capacity	G type: 150% rated current 1 minute;180 rated current 3s; P type: 120% rated current 1 minute;150% rated current 3s.
Control performance	Control mode	Open loop vector control、V/F control、torque control
	Start torque	Open loop vector control: 0.5Hz 180%, VF control: 0.5Hz 150%
	Speed adjustable range	Open loop vector control: 1:200, VF control: 1:100
	Speed control accuracy	Open loop vector control: ±0.2%, VF control: ±0.5%
Protection performance	25 protection functions	Including over voltage, over current, over heat, over load, under voltage, short circuit, ground fault, input and output lack of equal, all-directional protection AC drive reliable operation.
Installation environment requirements	level of protection	IP 65
	Working storage environment temperature	Working temperature:-10~40℃(Ambient temperature 40℃~50℃, please derating for usage),free from the direct sunlight. Storage temperature:-20~60℃
	Ambient environment	Humidity within 90% (no condensation), vibration less than 0.6G
		Non (corrosive, flammable, explosive, water-absorbent dust material), all kinds of lint cannot be accumulated.
	Altitude	0~1000m. each rises 1000 m, derating 10% for usage.

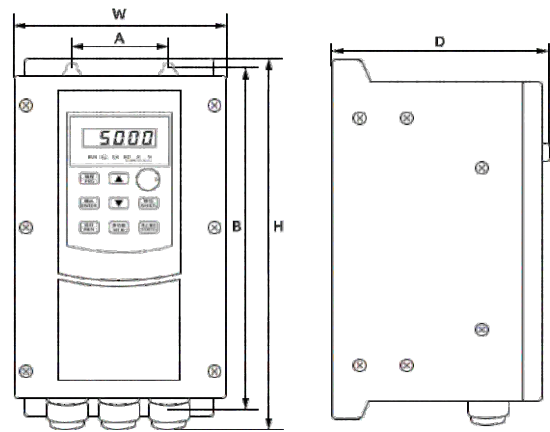
RD580-SF Series High Performance Vector AC Drive

Model	Power capacity KVA	Input current A	Output current A	Adaptive motor KW
Three phase supply : 220V±15%、50/60HZ				
RD580-R40G2B-SF	1.5	3.4	2.1	0.4
RD580-R75G2B-SF	3	5	3.8	0.75
RD580-1R5G2B-SF	4	5.8	5.1	1.5
RD580-2R2G2B-SF	5.9	10.5	9	2.2
RD580-3ROG4B-SF	4.5	9	7	3.0
RD580-3R7G2B-SF	8.9	14.6	13	3.7
RD580-5R5G2B-SF	17	26	25	5.5
RD580-7R5G2B-SF	21	35	32	7.5
RD580-011G2-SF	30	46.5	45	11
RD580-015G2-SF	40	62	60	15
RD580-18R5G2-SF	57	76	75	18.5
RD580-022G2-SF	69	92	91	22
RD580-030G2-SF	85	113	112	30
RD580-037G2-SF	114	157	150	37
RD580-045G2-SF	134	180	176	45
RD580-055G2-SF	160	214	210	55
RD580-075G2-SF	231	307	304	75
Three phase supply : 380V±15%、50/60HZ				
RD580-R75G4B-SF	1.5	3.4	2.1	0.75
RD580-1R5G4B-SF	3	5	3.8	1.5
RD580-2R2G4B-SF	4	5.8	5.1	2.2
RD580-3R7G4B-SF	5.9	10.5	9	3.7
RD580-5R5G4B-SF	8.9	14.6	13	5.5
RD580-7R5G4B-SF	11	20.5	17	7.5
RD580-011G4B-SF	17	26	25	11
RD580-015G4B-SF	21	35	32	15
RD580-18R5G4B-SF	24	38.5	37	18.5
RD580-022G4B-SF	30	46.5	45	22
RD580-030G4-SF	40	62	60	30
RD580-037G4-SF	57	76	75	37
RD580-045G4-SF	69	92	91	45
RD580-055G4-SF	85	113	112	55
RD580-075G4-SF	114	157	150	75
RD580-090G4-SF	134	180	176	90
RD580-110G4-SF	160	214	210	110
RD580-132G4-SF	192	256	253	132
RD580-160G4-SF	231	307	304	160
RD580-185G4-SF	270	350	340	185
RD580-200G4-SF	290	385	377	200
RD580-220G4-SF	310	430	426	220
RD580-250G4-SF	355	468	465	250

RD580-SF Series High Performance Vector AC Drive

Model	Power capacity KVA	Input current A	Output current A	Adaptive motor KW
Three phase supply : 220V±15%、50/60HZ				
RD580-280G4-SF	396	525	520	280
RD580-315G4-SF	445	590	585	315
RD580-355G4-SF	500	665	650	355
RD580-400G4-SF	600	785	725	400
RD580-450G4-SF	700	883	820	450
RD580-500G4-SF	800	1000	900	500
RD580-550G4-SF	900	1100	9800	560
RD580-630G4-SF	1000	1200	1100	630
RD580-700G4-SF	1200	1300	1200	720

The Dimension and Installation Hole Size



Model	Mounting hole (mm)		External dimension(mm)				Mounting aperture (mm)	Weight (kg)
	A	B	H	H1	W	D		
RD580-R75G4B-SF	70	235	250	/	145	170	Φ6	3.1
RD580-1R5G4B-SF								
RD580-2R2G4B-SF								
RD580-3ROG4B-SF								
RD580-3R7G4B-SF	70	235	250	/	140	180	Φ6	3.6
RD580-5R5G4B-SF								
RD580-7R5G4B-SF								
RD580-011G4B-SF	100	290	305	/	175	180	Φ6	5.5
RD580-015G4B-SF								
RD580-18R5G4B-SF	160	365	380	/	235	195	Φ6	9
RD580-022G4B-SF								
RD580-030G4B-SF	180	407	422	/	255	210	Φ6	10.85
RD580-037G4-SF	220	477	492	/	295	215	Φ6	14.7

RD580-SF Series High Performance Vector AC Drive

PEOPLE

Model	Mounting hole (mm)		External dimension(mm)				Mounting aperture (mm)	Weight (kg)
	A	B	H	H1	W	D		
RD580-045G4-SF								15
RD580-055G4-SF	200	570	590	/	262	280	Φ6.5	
RD580-075G4-SF								
RD580-090G4-SF	260	600	620	/	320	300	Φ10	
RD580-110G4-SF								
RD580-132G4-SF								
RD580-160G4-SF	260	780	800		380	315	Φ10	
RD580-185G4-SF								
RD580-200G4-SF	360	876	900		480	350	Φ12	
RD580-220G4-SF								
RD580-250G4-SF								
RD580-280G4-SF								
RD580-315G4-SF	500	1036	1060		650	350	Φ12	
RD580-355G4-SF								
RD580-400G4-SF	640	1173	1200		860	350	Φ14	
RD580-450G4-SF								
RD580-500G4-SF								
RD580-550G4-SF	800	1315	1350		1000	390	Φ14	
RD580-630G4-SF								