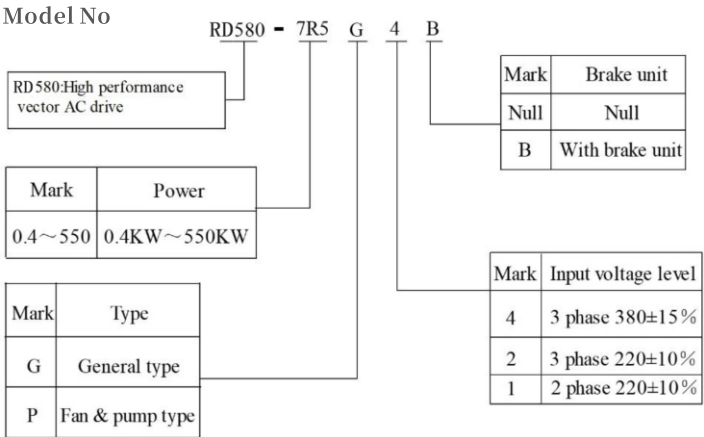




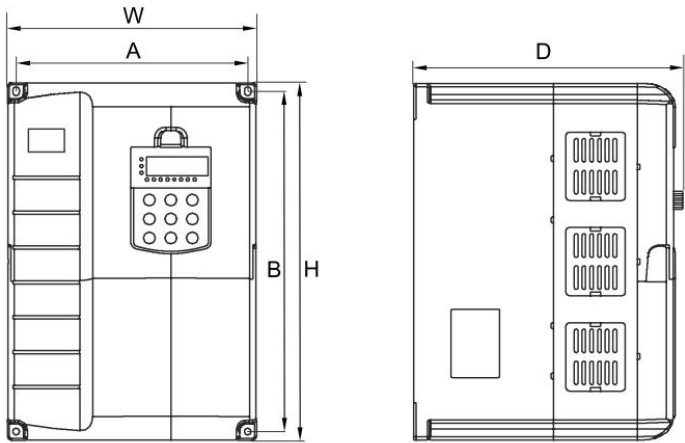
Technology Specifications

Item		Specifications
Input	Voltage Range	three phase 380V+15% three phase 220V15% single phase 220V+15%
	Frequency	50/60Hz±5%
Output	Voltage	three phase 0~380V three phase 0~220V
	Frequency	0~3000Hz
	Overload capacity	Gtype: 150% rated current 1 minute;180 rated current 3s; Ptype: 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 reliableoperation.
Installation environment requirements	level of protection	IP 20
	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.

Model	Power capacity KVA	Input current A	Output current A	Adaptive motor KW
Singlephase supply: 220V±15%、50/60HZ				
RD580-R40G1B	1	5.4	2.3	0.4
RD580-R75G1B	1.5	8.2	4	0.75
RD580-1R5G1B	3	14	7	1.5
RD580-2R2G1B	4	23	9.6	2.2
Three phase supply: 220V±15%、50/60HZ				
RD580-R40G2B	1.5	3.4	2.1	0.4
RD580-R75G2B	3	5	3.8	0.75
RD580-1R5G2B	4	5.8	5.1	1.5
RD580-2R2G2B	5.9	10.5	9	2.2
RD580-3ROG4B	4.5	9	7	3.0
RD580-3R7G2B	8.9	14.6	13	3.7
RD580-5R5G2B	17	26	25	5.5
RD580-7R5G2B	21	35	32	7.5
RD580-011G2	30	46.5	45	11
RD580-015G2	40	62	60	15
RD580-18R5G2	57	76	75	18.5
RD580-022G2	69	92	91	22
RD580-030G2	85	113	112	30
RD580-037G2	114	157	150	37
RD580-045G2	134	180	176	45
RD580-055G2	160	214	210	55
RD580-075G2	231	307	304	75
Three phase supply: 380V±15%、50/60HZ				
RD580-R75G4B	1.5	3.4	2.1	0.75
RD580-1R5G4B	3	5	3.8	1.5
RD580-2R2G4B	4	5.8	5.1	2.2
RD580-3R7G4B	5.9	10.5	9	3.7
RD580-5R5G4B	8.9	14.6	13	5.5
RD580-5R5P4B				
RD580-7R5G4B	11	20.5	17	7.5
RD580-7R5P4B				
RD580-011G4B	17	26	25	11
RD580-011P4B				
RD580-015G4B	21	35	32	15
RD580-015P4B				
RD580-18R5G4B	24	38.5	37	18.5
RD580-18R5P4B				
RD580-022G4B	30	46.5	45	22
RD580-022P4B				
RD580-030P4B	40	62	60	30

Model	Power capacity KVA	Input current A	Output current A	Adaptive motor KW
RD580-030P4B	40	62	60	30
RD580-037G4 RD580-037P4	57	76	75	37
RD580-045G4 RD580-045P4	69	92	91	45
RD580-055G4 RD580-055P4	85	113	112	55
RD580-075G4 RD580-075P4	114	157	150	75
RD580-090G4 RD580-090P4	134	180	176	90
RD580-110G4 RD580-110P4	160	214	210	110
RD580-132G4 RD580-132P4	192	256	253	132
RD580-160G4 RD580-160P4	231	307	304	160
RD580-185G4 RD580-185P4	270	350	340	185
RD580-200G4 RD580-200P4	290	385	377	200
RD580-220G4 RD580-220P4	310	430	426	220
RD580-250G4 RD580-250P4	355	468	465	250
RD580-280G4 RD580-280P4	396	525	520	280
RD580-315G4 RD580-315P4	445	590	585	315
RD580-355G4 RD580-355P4	500	665	650	355
RD580-400G4 RD580-400P4	600	785	725	400
RD580-450G4 RD580-500P4	700	883	820	450
RD580-500G4 RD580-550P4	800	1000	900	500
RD580-550G4 RD580-630P4	900	1100	9800	560
RD580-630G4	1000	1200	1100	630
RD580-700G4	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		
Three phase 380V								
RD580-R75G4B	95	150	162	/	105	150	Φ5.0	1.2
RD580-1R5G4B								
RD580-2R2G4B								
RD580-3ROG4B								
RD580-3R7G4B	107	175	186	/	119	165	Φ5.0	1.85
RD580-5R5P4B								
RD580-5R5G4B								
RD580-7R5P4B								
RD580-7R5G4B	148	236	248	/	161	185	Φ6	3.65
RD580-011P4B								
RD580-011G4B								
RD580-015P4B								
RD580-015G4B	205	305	320	/	220	205	Φ6	6.1
RD580-18R5P4B								
RD580-18R5G4B								
RD580-022P4B								
RD580-022G4B								
RD580-030P4B								
RD580-030G4B	160	348	360	/	220	218	Φ7	9.7
RD580-037P4B								
RD580-037G4								
RD580-045P4	180	412	430	/	260	225	Φ7	14
RD580-045G4								14.4
RD580-055P4								14.4

RD580Series High Performance Vector AC Drive

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Model	Mounting hole (mm)		External dimension(mm)				Mounting aperture (mm)	Weight (kg)
	A	B	H	H1	W	D		
Three phase 380V								
RD580-055G4	200	563	580	/	270	290	Φ7	26.3
RD580-075P4								26.8
RD580-075G4								
RD580-090P4								
RD580-090G4	200	630	660	/	320	300	Φ9	36.9
RD580-110P4								37.5
RD580-110G4								
RD580-132P4								
RD580-132G4	250	755	780	/	400	345	Φ12	39.8
RD580-160P4								53.3
RD580-160G4								
RD580-185P4								
RD580-185G4								
RD580-200P4	300	872	900	/	460	350	Φ12	54.1
RD580-200G4								86.3
RD580-220P4								
RD580-220G4								
RD580-250P4								
RD580-250G4	360	922	950	/	500	350	Φ12	91.1
RD580-280P4								
RD580-280G4								
RD580-315P4								
RD580-315G4	500	1065	1100	/	650	360	Φ12	131
RD580-355P4								
RD580-355G4								
RD580-400P4								
RD580-400G4	500	1315	1350	/	700	380	Φ14	186.5
RD580-450P4								
RD580-450G4								
RD580-500P4								
RD580-500G4								
RD580-550P4	600	1460	1500	/	900	400	Φ14	252
RD580-550G4								
RD580-630G4								
RD580-700P4								