



SINAMICS V20

• The Sinamics V20 comes in four sizes to cover the performance range from 0.12 to 30 kW and is used to operate



V20 without integrated line filter

Order No.	LP	MRP	Rated power		Fans	Frame size
			kW	hp		
6SL3210-5BE13-7UV0	31,582	44,215	0.37	0.5	-	FSA
6SL3210-5BE15-5UV0	33,216	46,502	0.55	0.75	-	
6SL3210-5BE17-5UV0	34,304	48,025	0.75	1	-	
6SL3210-5BE21-1UV0	37,027	51,837	1.1	1.5	1	
6SL3210-5BE21-5UV0	40,839	57,174	1.5	2	1	
6SL3210-5BE22-2UV0	47,372	66,321	2.2	3	1	FSB
6SL3210-5BE23-0UV0	53,907	75,470	3	4	1	
6SL3210-5BE24-0UV0	60,441	84,617	4	5	1	FSC
6SL3210-5BE25-5UV0	74,055	103,676	5.5	7.5	1	FSD
6SL3210-5BE27-5UV0	90,961	127,345	7.5	10	2	
6SL3210-5BE31-1UV0	116,874	163,624	11	15	2	
6SL3210-5BE31-5UV0	146,474	205,064	15	20	2	FSE
6SL3210-5BE31-8UV0	174,499	244,299	22	30	2	
6SL3210-5BE32-2UV0	200,098	280,138	30	40	2	

V20 with integrated line filter category C3

Order No.	LP	MRP	Rated power		Fans	Frame size
			kW	hp		
6SL3210-5BE13-7CV0	34,304	48,025	0.37	0.5	-	FSA
6SL3210-5BE15-5CV0	35,939	50,314	0.55	0.75	-	
6SL3210-5BE17-5CV0	37,027	51,837	0.75	1	-	
6SL3210-5BE21-1CV0	39,749	55,649	1.1	1.5	1	
6SL3210-5BE21-5CV0	44,106	61,748	1.5	2	1	
6SL3210-5BE22-2CV0	51,184	71,658	2.2	3	1	FSB
6SL3210-5BE23-0CV0	58,263	81,569	3	4	1	
6SL3210-5BE24-0CV0	65,342	91,479	4	5	1	FSC
6SL3210-5BE25-5CV0	80,044	112,062	5.5	7.5	1	FSD
6SL3210-5BE27-5CV0	101,280	141,791	7.5	10	2	
6SL3210-5BE31-1CV0	130,139	182,195	11	15	2	
6SL3210-5BE31-5CV0	158,454	221,835	15	20	2	FSE
6SL3210-5BE31-8CV0	188,926	264,496	22	30	2	
6SL3210-5BE32-2CV0	216,750	303,450	30	40	2	

V20 without integrated line filter

Order No.	LP	MRP	Rated power		Fans	Frame size
			kW	hp		
6SL3210-5BB11-2UV1	16,335	22,869	0.12	1/6	-	FSAA
6SL3210-5BB12-5UV1	17,425	24,394	0.25	1/3	-	
6SL3210-5BB13-7UV1	18,514	25,920	0.37	1/2	-	
6SL3210-5BB15-5UV1	20,147	28,206	0.55	3/4	-	FSAB
6SL3210-5BB17-5UV1	21,781	30,493	0.75	1	-	
6SL3210-5BB21-1UV0	24,504	34,305	1.1	1-1/2	1	FSB
6SL3210-5BB21-5UV0	27,300	38,220	1.5	2	1	
6SL3210-5BB22-2UV0	33,760	47,264	2.2	3	1	FSC
6SL3210-5BB23-0UV0	39,205	54,888	3	4	1	

V20 with integrated line filter category C2 / Class B

Order No.	LP	MRP	Rated power		Fans	Frame size
			kW	hp		
6SL3210-5BB11-2BV1**	17,969	25,156	0.12	1/6	-	FSAA
6SL3210-5BB12-5BV1**	19,058	26,681	0.25	1/3	-	
6SL3210-5BB13-7BV1**	20,147	28,206	0.37	1/2	-	
6SL3210-5BB15-5BV1**	21,781	30,493	0.55	3/4	-	FSAB
6SL3210-5BB17-5BV1**	23,414	32,780	0.75	1	-	
6SL3210-5BB21-1AV0	26,681	37,353	1.1	1-1/2	1	FSB
6SL3210-5BB21-5AV0	29,948	41,927	1.5	2	1	
6SL3210-5BB22-2AV0	36,483	51,076	2.2	3	1	FSC
6SL3210-5BB23-0AV0	42,472	59,461	3	4	1	

** : With Class B Filter



Accessories

Order No.	LP	MRP	V20 Accessories
6SL3256-0VE00-6AA0	6,108	8,551	SINAMICS V20 I/O Extension Module 2xDI, 2xRelay
6SL3255-0VA00-5AA0	16,790	23,506	SINAMICS V20 Smart Access Module
6SL3255-0VE00-0UA1	8,707	12,190	SINAMICS V20, Parameter loader
6SL3255-0VA00-2AA1	1,877	2,628	SINAMICS V20, BOP interface*
6SL3255-0VA00-4BA1	3,130	4,382	SINAMICS V20, BOP*
6SL3266-1ER00-0VA0	459	642	Migration mounting kit
6SL3201-2AD20-8VA0	13,612	19,057	SINAMICS V20, Braking module 400V/230V
6SL3255-0VC00-0HA0	3,267	4,574	SINAMICS V20, RS485 Terminators 50 pcs
6SL3266-1AR00-0VA0	524	734	SINAMICS V20, FSAA&AB shield connection kit
6SL3266-1AR00-0VA0	524	734	SINAMICS V20, FSAA&AB shield connection kit
6SL3266-1AC00-0VA0	2,396	3,354	SINAMICS V20, FSC shield connection kit
6SL3266-1AD00-0VA0	2,396	3,354	SINAMICS V20, FSD shield connection kit
6SL3200-0UF05-0AA0	2,406	3,368	SINAMICS V20, Replacement Fan FSE
6SL3266-1AE00-0VA0	2,529	3,540	SINAMICS V20, FSE shield connection kit

* Interconnection with standard RJ45 cable

Line components/DC components/Output components

Output reactor			
Output reactor			Prated
6SL3202...	LP	MRP	kW
0AE16-1CA0	Refer G120 LP	Refer G120 LP	0.37
			0.55
			0.75
			1.1
			1.5
0AE18-8CA0			2.2
0AE21-8CA0			3
0AE23-8CA0			4
			5.5
			7.5
0AE23-8CA0	11		
	15		
	22		
6SE6400-3TC05-4DD0			30
6SE6400-3TC03-8DD0			

Line reactor			
Line reactor			Prated
6SL3203...	LP	MRP	kW
0CE13-2AA0	Refer G120 LP	Refer G120 LP	0.37
			0.55
			0.75
			1.1
0CE21-0AA0			1.5
			2.2
			3
			4
0CE21-8AA0			5.5
			7.5
0CE23-8AA0			11
			15
0CJ24-5AA0			22
0CD25-3AA0			30

Braking resistor			
Braking resistor			Prated
6SL3201...	LP	MRP	kW
0BE14-3AA0	Refer G120 LP	Refer G120 LP	0.37
			0.55
			0.75
			1.1
			1.5
0BE21-0AA0	Refer MM4 LP	Refer MM4 LP	2.2
			3
0BE21-8AA0			4
			5.5
0BE23-8AA0	Refer G120 LP	Refer G120 LP	7.5
			11
6SE6400-4BD21-2DA0			15
			22
			30

Line components/DC components/Output components for single phase

Braking resistor				
Braking Resistor	LP	MRP	P _{Rated} kW	Frame size
6SE6400....			1AC 230 V	
4BC05-0AA0	Refer MM4 Pricelist	Refer MM4 Pricelist	0.12	AA & AB
			0.25	
			0.37	
			0.55	
			0.75	
4BC11-2BA0			1.1	B
			1.5	
4BC12-5CA0			2.2	C
			3	C

Line reactor				
Line Reactor 6SE6400....	LP	MRP	P _{Rated} kW 1AC 230 V	Frame size
3CC00-4AB3	Refer MM4 Pricelist	Refer MM4 Pricelist	0.12	AA
			0.25	
3CC01-0AB3			0.37	AA
			0.55	AB
			0.75	AB
3CC02-6BB3			1.1	B
			1.5	
3CC03-5CB3			2.2	C
			3	C

Output reactor				
Output Reactor 6SE6400.....	LP	MRP	P _{Rated} kW 1AC 230 V	Frame size
3TC00-4AD3	Refer MM4 Pricelist	Refer MM4 Pricelist	0.12	AA & AB
			0.25	
			0.37	
			0.55	
			0.75	
3TC01-0BD3			1.1	B
			1.5	
3TC03-2CD3			2.2	C
			3	C