

Power losses														
0; 25	f; I	%	2.2	2.2	1.8	1.8	1.6	1.8	1.1	1.1	0.9	1.1	0.8	1.0
0; 50	f; I	%	2.2	2.2	1.8	1.8	1.7	1.8	1.2	1.2	1.1	1.3	0.9	1.1
0; 100	f; I	%	2.4	2.4	2.0	2.0	1.9	2.1	1.5	1.6	1.4	1.6	1.2	1.4
50; 25	f; I	%	2.2	2.3	1.8	1.8	1.7	1.9	1.1	1.1	1.0	1.2	0.8	1.0
50; 50	f; I	%	2.3	2.3	1.9	1.9	1.7	1.9	1.3	1.3	1.1	1.4	1.0	1.2
50; 100	f; I	%	2.6	2.6	2.2	2.2	2.1	2.3	1.7	1.7	1.6	1.8	1.4	1.6
90; 50	f; I	%	2.4	2.4	2.0	2.0	1.8	2.0	1.3	1.4	1.2	1.4	1.1	1.3
90; 100	f; I	%	2.9	2.8	2.5	2.4	2.3	2.4	1.9	1.9	1.9	2.0	1.7	1.8
Standby losses		%	0.9	0.9	0.6	0.6	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.2
Efficiency level			IE2	IE2	IE2	IE2	IE2	IE2	IE2	IE2	IE2	IE2	IE2	IE2
Manufacturer			CG Drives & Automation Sweden AB · Mörsaregatan 12 · 250 24 Helsingborg · SWEDEN											
Commercial registration number			SE556232264301											
Product's model identifier			VS10-23-1P7-20	VS30-23-1P7-20	VS10-23-2P4-20	VS30-23-2P4-20	VS10-23-3P2-20	VS30-23-3P2-20	VS10-23-4P2-20	VS30-23-4P2-20	VS10-23-6P0-20	VS30-23-6P0-20	VS10-23-7P0-20	VS30-23-7P0-20
Apparent output power		kV	0.6	0.6	0.9	0.9	1.2	1.2	1.6	1.6	2.2	2.2	2.6	2.6
Indicative motor rated power output		kW	0.25	0.25	0.37	0.37	0.55	0.55	0.75	0.75	1.1	1.1	1.5	1.5
Rated output current		A	1.7	1.7	2.4	2.4	3.2	3.2	4.2	4.2	6	6	7	7
Maximum operating temperature		°C	45											
Rated supply frequency		Hz	50											
Rated supply voltage		V	230											
Switching frequency		kH	4											
Rated apparent output power		kV	0.697	0.697	0.977	0.977	1.19	1.19	1.71	1.71	2.29	2.29	3.3	3.3

Power losses														
0; 25	f; I	%	0.8	0.9	3.1	3.3	2.2	1.9	1.2	1.1	1.4	1.3	1.0	0.7
0; 50	f; I	%	1.0	1.1	3.1	3.4	2.3	2.0	1.3	1.3	1.6	1.4	1.1	0.8
0; 100	f; I	%	1.3	1.4	3.3	3.6	2.6	2.3	1.6	1.6	1.9	1.8	1.6	1.2
50; 25	f; I	%	0.9	1.0	3.1	3.4	2.2	1.9	1.3	1.2	1.4	1.3	1.0	0.7
50; 50	f; I	%	1.1	1.2	3.2	3.4	2.4	2.1	1.4	1.3	1.6	1.5	1.2	0.9
50; 100	f; I	%	1.6	1.6	3.5	3.7	2.8	2.5	1.8	1.8	2.0	1.9	1.7	1.4
90; 50	f; I	%	1.2	1.3	3.3	3.5	2.5	2.2	1.5	1.5	1.7	1.6	1.2	0.9
90; 100	f; I	%	1.9	1.9	3.7	3.9	2.9	2.8	2.1	2.1	2.2	2.1	1.9	1.7
Standby losses		%	0.1	0.1	0.6	0.5	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.0
Efficiency level			IE2	IE2	IE2	IE2	IE2	IE2	IE2	IE2	IE2	IE2	IE2	IE2
Manufacturer			CG Drives & Automation Sweden AB · Mörsaregatan 12 · 250 24 Helsingborg · SWEDEN											
Commercial registration number			SE556232264301											
Product's model identifier			VS10-23-9P6-20	VS30-23-9P6-20	VS30-40-1P3-20	VS30-40-1P8-20	VS30-40-2P4-20	VS30-40-3P2-20	VS30-40-3P9-20	VS30-40-5P6-20	VS30-40-7P2-20	VS30-40-9P4-20	VS30-40-013-20	VS30-40-016-20
Apparent output power		kV	3.6	3.6	0.9	1.2	1.6	2.2	2.6	3.8	4.9	6.4	8.7	11
Indicative motor rated power output		kW	2.2	2.2	0.37	0.55	0.75	1.1	1.5	2.2	3	4	5.5	7.5
Rated output current		A	9.6	9.6	1.3	1.8	2.4	3.2	3.9	5.6	7.3	9.5	13	16.5
Maximum operating temperature		°C	45											
Rated supply frequency		Hz	50											
Rated supply voltage		V	230											
Switching frequency		kH	4											
Rated apparent output power		kVA	4.44	4.44	0.977	1.19	1.71	2.29	3.3	4.44	5.85	7.38	9.95	14.4

Validity The specifications also apply to inverters with model identifier VS□□-□□-□□□-20-CM/C/M  
 Operating point (f; I) f = relative motor stator frequency; I = relative torque-producing current  
 Power losses Power losses at operating points (f; I) and in standby mode relate to the rated apparent output power.  
 For power losses for options (e.g. for diagnostics) and for accessories (e.g. mains chokes) please refer to further product documentation on the product web page.



Power losses														
0; 25	f; l	%	2.2	1.8	1.6	1.1	0.9	0.8	0.8	3.1	3.3	2.2	1.9	
0; 50	f; l	%	2.2	1.8	1.7	1.2	1.1	0.9	1.0	3.1	3.4	2.3	2.0	
0; 100	f; l	%	2.4	2.0	1.9	1.5	1.4	1.2	1.3	3.3	3.6	2.6	2.3	
50; 25	f; l	%	2.2	1.8	1.7	1.1	1.0	0.8	0.9	3.1	3.4	2.2	1.9	
50; 50	f; l	%	2.3	1.9	1.7	1.3	1.1	1.0	1.1	3.2	3.4	2.4	2.1	
50; 100	f; l	%	2.6	2.2	2.1	1.7	1.6	1.4	1.6	3.5	3.7	2.8	2.5	
90; 50	f; l	%	2.4	2.0	1.8	1.3	1.2	1.1	1.2	3.3	3.5	2.5	2.2	
90; 100	f; l	%	2.9	2.5	2.3	1.9	1.9	1.7	1.9	3.7	3.9	2.9	2.8	
Standby losses		%	0.9	0.6	0.5	0.4	0.3	0.2	0.1	0.6	0.5	0.4	0.3	
Efficiency level			IE2	IE2	IE2	IE2	IE2	IE2	IE2	IE2	IE2	IE2	IE2	IE2
Manufacturer			CG Drives & Automation Sweden AB · Mörsaregatan 12 · 250 24 Helsingborg · SWEDEN											
Commercial registration number			SE556232264301											
Product's model identifier			DSV15-23-1P7-20	DSV15-23-2P4-20	DSV15-23-3P2-20	DSV15-23-4P2-20	DSV15-23-6P0-20	DSV15-23-7P0-20	DSV15-23-9P6-20	DSV35-40-1P3-20	DSV35-40-1P8-20	DSV35-40-2P4-20	DSV35-40-3P2-20	
Apparent output power		kVA	0.6	0.9	1.2	1.6	2.2	2.6	3.6	0.9	1.2	1.6	2.2	
Indicative motor rated power output		kW	0.25	0.37	0.55	0.75	1.1	1.5	2.2	0.37	0.55	0.75	1.1	
Rated output current		A	1.7	2.4	3.2	4.2	6	7	9.6	1.3	1.8	2.4	3.2	
Maximum operating temperature		°C	45											
Rated supply frequency		Hz	50											
Rated supply voltage		V	230						400					
Switching frequency		kHz	4											
Rated apparent output power		kVA	0.697	0.977	1.19	1.71	2.29	3.3	4.44	0.977	1.19	1.71	2.29	

Power losses														
0; 25	f; l	%	1.2	1.1	1.4	1.4	1.3	1.2	1.0	0.7	0.5	0.7	0.7	0.6
0; 50	f; l	%	1.3	1.3	1.6	1.5	1.4	1.3	1.1	0.8	0.7	0.9	0.8	0.7
0; 100	f; l	%	1.6	1.6	1.9	1.9	1.8	1.7	1.6	1.2	1.0	1.4	1.3	1.2
50; 25	f; l	%	1.3	1.2	1.4	1.4	1.3	1.2	1.0	0.7	0.6	0.7	0.7	0.6
50; 50	f; l	%	1.4	1.3	1.6	1.6	1.5	1.4	1.2	0.9	0.7	0.9	0.9	0.8
50; 100	f; l	%	1.8	1.8	2.0	2.0	1.9	1.9	1.7	1.4	1.2	1.5	1.5	1.3
90; 50	f; l	%	1.5	1.5	1.7	1.6	1.6	1.5	1.2	0.9	0.8	1.0	1.0	0.9
90; 100	f; l	%	2.1	2.1	2.2	2.1	2.1	2.0	1.9	1.7	1.5	1.8	1.9	1.6
Standby losses		%	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1
Efficiency level			IE2	IE2	IE2	IE2	IE2	IE2	IE2	IE2	IE2	IE2	IE2	IE2
Manufacturer			CG Drives & Automation Sweden AB · Mörsaregatan 12 · 250 24 Helsingborg · SWEDEN											
Commercial registration number			SE556232264301											
Product's model identifier			DSV35-40-3P9-20	DSV35-40-5P6-20	DSV35-40-7P3-20	DSV35-40-7P2-20	DSV35-40-9P5-20	DSV35-40-9P4-20	DSV35-40-013-20	DSV35-40-016-20	DSV35-40-023-20	DSV35-40-032-20	DSV35-40-040-20	DSV35-40-047-20
Apparent output power		kVA	2.6	3.8	4.9	4.9	6.4	6.4	8.7	11	16	22	27	32
Indicative motor rated power output		kW	1.5	2.2	3	3	4	4	5.5	7.5	11	15	18.5	22
Rated output current		A	3.9	5.6	7.3	7.3	9.5	9.5	13	16.5	23.5	32	40	47
Maximum operating temperature		°C	45											
Rated supply frequency		Hz	50											
Rated supply voltage		V	400											
Switching frequency		kHz	4											
Rated apparent output power		kVA	3.3	4.44	5.85	5.85	7.38	7.38	9.95	14.4	19.5	23.9	28.3	38.2

Validity The specifications also apply to inverters with model identifier DSV35-40-□□□ **Lift**  
 Operating point (f; l) f = relative motor stator frequency; l = relative torque-producing current  
 Power losses Power losses at operating points (f; l) and in standby mode relate to the rated apparent output power.  
 For power losses for options (e.g. for diagnostics) and for accessories (e.g. mains chokes) please refer to further product documentation on the product web page.

