

MICROMASTER 440 inverter without filter ²⁾

CT (constant torque)				VT (variable torque)				MICROMASTER 440 without filter ²⁾		
Output		Rated input current ¹⁾	Rated output current	Output		Rated input current ¹⁾	Rated output current	Frame size (FS)	Weight, approx. kg	Order No.
kW	hp	A	A	kW	hp	A	A			
Mains voltage 1 AC 200 V to 240 V										
0.12	0.16	1.8	0.9	–	–	–	–	A	1.3	6SE6440-2UC11-2AA1
0.25	0.33	3.2	1.7	–	–	–	–	A	1.3	6SE6440-2UC12-5AA1
0.37	0.50	4.6	2.3	–	–	–	–	A	1.3	6SE6440-2UC13-7AA1
0.55	0.75	6.2	3.0	–	–	–	–	A	1.3	6SE6440-2UC15-5AA1
0.75	1.0	8.2	3.9	–	–	–	–	A	1.3	6SE6440-2UC17-5AA1
1.1	1.5	11.0	5.5	–	–	–	–	B	3.3	6SE6440-2UC21-1BA1
1.5	2	14.4	7.4	–	–	–	–	B	3.3	6SE6440-2UC21-5BA1
2.2	3	20.2	10.4	–	–	–	–	B	3.3	6SE6440-2UC22-2BA1
3.0	4	35.5	13.6	–	–	–	–	C	5.5	6SE6440-2UC23-0CA1
Mains operating voltage 3 AC 200 V to 240 V										
0.12	0.16	1.1	0.9	–	–	–	–	A	1.3	6SE6440-2UC11-2AA1
0.25	0.33	1.9	1.7	–	–	–	–	A	1.3	6SE6440-2UC12-5AA1
0.37	0.50	2.7	2.3	–	–	–	–	A	1.3	6SE6440-2UC13-7AA1
0.55	0.75	3.6	3.0	–	–	–	–	A	1.3	6SE6440-2UC15-5AA1
0.75	1.0	4.7	3.9	–	–	–	–	A	1.3	6SE6440-2UC17-5AA1
1.1	1.5	6.4	5.5	–	–	–	–	B	3.3	6SE6440-2UC21-1BA1
1.5	2.0	8.3	7.4	–	–	–	–	B	3.3	6SE6440-2UC21-5BA1
2.2	3.0	11.7	10.4	–	–	–	–	B	3.3	6SE6440-2UC22-2BA1
3.0	4.0	15.6	13.6	–	–	–	–	C	5.5	6SE6440-2UC23-0CA1
4.0	5.0	19.7	17.5	5.5	7.5	28.3	22	C	5.5	6SE6440-2UC24-0CA1
5.5	7.5	26.5	22	7.5	10	34.2	28	C	5.5	6SE6440-2UC25-5CA1
7.5	10	34.2	28	11.0	15	38.0	42	D	16	6SE6440-2UC27-5DA1
11.0	15	38.0	42	15.0	20	50.0	54	D	16	6SE6440-2UC31-1DA1
15.0	20	50.0	54	18.5	25	62.0	68	D	16	6SE6440-2UC31-5DA1
18.5	25	62.0	68	22	30	71.0	80	E	20	6SE6440-2UC31-8EA1
22	30	71.0	80	30	40	96.0	104	E	20	6SE6440-2UC32-2EA1
30	40	96.0	104	37	50	114.0	130	F	55	6SE6440-2UC33-0FA1
37	50	114.0	130	45	60	135.0	154	F	55	6SE6440-2UC33-7FA1
45	60	135.0	154	55	75	164.0	178	F	55	6SE6440-2UC34-5FA1
Mains operating voltage 3 AC 380 V to 480 V										
0.37	0.50	2.2	1.3	–	–	–	–	A	1.3	6SE6440-2UD13-7AA1
0.55	0.75	2.8	1.7	–	–	–	–	A	1.3	6SE6440-2UD15-5AA1
0.75	1.0	3.7	2.2	–	–	–	–	A	1.3	6SE6440-2UD17-5AA1
1.1	1.5	4.9	3.1	–	–	–	–	A	1.3	6SE6440-2UD21-1AA1
1.5	2.0	5.9	4.1	–	–	–	–	A	1.3	6SE6440-2UD21-5AA1
2.2	3.0	7.5	5.9	–	–	–	–	B	3.3	6SE6440-2UD22-2BA1
3.0	4.0	10.0	7.7	–	–	–	–	B	3.3	6SE6440-2UD23-0BA1
4.0	5.0	12.8	10.2	–	–	–	–	B	3.3	6SE6440-2UD24-0BA1
5.5	7.5	15.6	13.2	7.5	10	17.3	19	C	5.5	6SE6440-2UD25-5CA1
7.5	10	22.0	18.4	11.0	15	23.1	26	C	5.5	6SE6440-2UD27-5CA1
11.0	15	23.1	26	15.0	20	33.8	32	C	5.5	6SE6440-2UD31-1CA1
15.0	20	33.8	32	18.5	25	37.0	38	D	16	6SE6440-2UD31-5DA1
18.5	25	37.0	38	22	30	43.0	45	D	16	6SE6440-2UD31-8DA1
22	30	43.0	45	30	40	59.0	62	D	16	6SE6440-2UD32-2DA1
30	40	59.0	62	37	50	72.0	75	E	20	6SE6440-2UD33-0EA1
37	50	72.0	75	45	60	87.0	90	E	20	6SE6440-2UD33-7EA1
45	60	87.0	90	55	75	104.0	110	F	56	6SE6440-2UD34-5FA1
55	75	104.0	110	75	100	139.0	145	F	56	6SE6440-2UD35-5FA1
75	100	139.0	145	90	125	169.0	178	F	56	6SE6440-2UD37-5FA1

1) Supplementary conditions:
Input current at rated operating point, applicable at short-circuit voltage of the supply
 $U_{sc} = 2\%$ with reference to the inverter rated power and rated mains operating voltage of 240 V or 400 V without a line commutating choke.

2) Acc. to EMC EN 61800-3 generally suited to heavy industrial applications.

MICROMASTER 440

Selection and ordering data

MICROMASTER 440 inverter without filter³⁾ (continued)

CT (constant torque)				VT (variable torque)				MICROMASTER 440 without filter ³⁾		
Output		Rated input current	Rated output current	Output		Rated input current	Rated output current	Frame size (FS)	Weight, approx. kg	Order No.
kW	hp	A	A	kW	hp	A	A			
Mains operating voltage 3 AC 380 V to 480 V										
90	125	169.0 ¹⁾	178	110	150	200.0 ¹⁾	205	FX	116	6SE6440-2UD38-8FA1
110	150	200.0 ¹⁾	205	132	200	245.0 ¹⁾	250	FX	116	6SE6440-2UD41-1FA1
132	200	245.0 ¹⁾	250	160	250	297.0 ¹⁾	302	GX	174	6SE6440-2UD41-3GA1
160	250	297.0 ¹⁾	302	200	300	354.0 ¹⁾	370	GX	174	6SE6440-2UD41-6GA1
200	300	354.0 ¹⁾	370	250	350	442.0 ¹⁾	477	GX	174	6SE6440-2UD42-0GA1
Mains operating voltage 3 AC 500 V to 600 V										
0.75	1.0	2.0 ²⁾	1.4	1.5	2.0	3.2 ²⁾	2.7	C	5.5	6SE6440-2UE17-5CA1
1.5	2.0	3.7 ²⁾	2.7	2.2	3.0	4.4 ²⁾	3.9	C	5.5	6SE6440-2UE21-5CA1
2.2	3.0	5.3 ²⁾	3.9	4.0	5.0	6.9 ²⁾	6.1	C	5.5	6SE6440-2UE22-2CA1
4.0	5.0	8.1 ²⁾	6.1	5.5	7.5	9.4 ²⁾	9	C	5.5	6SE6440-2UE24-0CA1
5.5	7.5	11.1 ²⁾	9	7.5	10	12.6 ²⁾	11	C	5.5	6SE6440-2UE25-5CA1
7.5	10	14.4 ²⁾	11	11.0	15	18.1 ²⁾	17	C	5.5	6SE6440-2UE27-5CA1
11.0	15	21.5 ²⁾	17	15.0	20	24.9 ²⁾	22	C	5.5	6SE6440-2UE31-1CA1
15.0	20	24.9 ²⁾	22	18.5	25	30.0 ²⁾	27	D	16	6SE6440-2UE31-5DA1
18.5	25	30.0 ²⁾	27	22	30	35.0 ²⁾	32	D	16	6SE6440-2UE31-8DA1
22	30	35.0 ²⁾	32	30	40	48.0 ²⁾	41	D	16	6SE6440-2UE32-2DA1
30	40	48.0 ²⁾	41	37	50	58.0 ²⁾	52	E	20	6SE6440-2UE33-0EA1
37	50	58.0 ²⁾	52	45	60	69.0 ²⁾	62	E	20	6SE6440-2UE33-7EA1
45	60	69.0 ²⁾	62	55	75	83.0 ²⁾	77	F	56	6SE6440-2UE34-5FA1
55	75	83.0 ²⁾	77	75	100	113.0 ²⁾	99	F	56	6SE6440-2UE35-5FA1
75	100	113.0 ²⁾	99	90	120	138.0 ²⁾	125	F	56	6SE6440-2UE37-5FA1



All MICROMASTER 440 inverters are supplied with a Status Display Panel (SDP). A BOP, AOP or other options have to be ordered separately

Motors for MICROMASTER 440

Catalog D 81.1 contains selection and ordering data for motors which are particularly suitable for operation with the MICROMASTER 440 inverters (see Appendix for overview).

This catalog is suitable for IEC motors. For motors according to US standards (NEMA) please refer to Catalog D 81.2 U.S./Canada (see Appendix for overview) and to: <http://www.sea.siemens.com/motors>

1) Supplementary conditions: Input current at rated operating point, applicable at short-circuit voltage of the supply $U_{sc} \geq 2.33\%$ with reference to the inverter rated power and rated mains operating voltage of 400 V.

2) Supplementary conditions: Input current at rated operating point, applicable at short-circuit voltage of the supply $U_{sc} = 2\%$ with reference to the inverter rated power and rated mains operating voltage of 500 V without a line commutating choke.

3) Acc. to EMC EN 61800-3 generally suited to heavy industrial applications.