

MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

SIEMENS

6SL3000-0CE21-0AA0

LINE REACTOR SERVICE

Used with the applicable PLC System configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: Siemens official manufacturer documentation

SINAMICS S120 drive system

SINAMICS S120

Booksize format > Line Modules > Smart Line Modules

Technical specifications (continued)

Article No.	6SL3130-6AE15-0AB1		6SL3130-6AE21-0AB1	6SL3130-6TE21-6AA4	6SL3130-6TE23-6AA3	6SL3130-6TE25-5AA3
Product designation	Smart Line Module in booksize format with <u>internal</u> air cooling					
Article No.	6SL3131-6AE15-0AA1		6SL3131-6AE21-0AA1	6SL3131-6TE21-6AA3	6SL3131-6TE23-6AA3	6SL3131-6TE25-5AA3
Product designation	Smart Line Module in booksize format with <u>external</u> air cooling					
Line voltage 380 ... 480 V 3 AC						
Width	mm	50	50	100	150	200
Height	mm	380	380	380	380	380
Depth						
- With internal air cooling	mm	270	270	270	270	270
- With external air cooling on/behind mounting surface	mm	226/66.5	226/66.5	226/66.5	226/71	226/92
Net weight						
• With internal air cooling	kg	4.7	4.8	7	10.3	17
• With external air cooling	kg	5.3	5.4	8.8	13.8	18.5

Selection and ordering data

Description	Article No.
SINAMICS S120 Smart Line Module in booksize format with <u>internal</u> air cooling Rated power:	
• 5 kW	6SL3130-6AE15-0AB1
• 10 kW	6SL3130-6AE21-0AB1
• 16 kW	6SL3130-6TE21-6AA4
• 36 kW	6SL3130-6TE23-6AA3
• 55 kW	6SL3130-6TE25-5AA3
SINAMICS S120 Smart Line Module in booksize format with <u>external</u> air cooling Rated power:	
• 5 kW	6SL3131-6AE15-0AA1
• 10 kW	6SL3131-6AE21-0AA1
• 16 kW	6SL3131-6TE21-6AA3
• 36 kW	6SL3131-6TE23-6AA3
• 55 kW	6SL3131-6TE25-5AA3
Accessories	
Shield connection plate For Line Modules and Motor Modules in booksize format with a width of 150 mm	6SL3162-1AF00-0AA1
DC link rectifier adapter For direct infeed of DC link voltage	
• Screw-type terminals 0.5 ... 10 mm ² For Line Modules and Motor Modules in booksize format with a width of 50 mm or 100 mm	6SL3162-2BD00-0AA0
• Screw-type terminals 35 ... 95 mm ² For Line Modules and Motor Modules in booksize format with a width of 150 mm, 200 mm and 300 mm	6SL3162-2BM00-0AA0

Description	Article No.
Accessories	
DC link adapter (2 units) For multi-tier configuration Screw-type terminals 35 ... 95 mm ² For all Line Modules and Motor Modules in booksize format	6SL3162-2BM01-0AA0
SINAMICS S120 Terminal Kit Plug-in terminals, DRIVE-CLiQ jumper, dust-proof blanking plugs for DRIVE-CLiQ port	
• For Smart Line Modules with a width of 50 mm	6SL3163-8KB00-0AA1
• For Active/Smart Line Modules with a width of 100 mm	6SL3163-8FD00-0AA0
• For Active/Smart/Basic Line Modules with a width of 150 mm	6SL3163-8GF00-0AA0
Accessories for re-ordering	
24 V terminal adapter For all Line Modules and Motor Modules in booksize format	6SL3162-2AA00-0AA0
Warning labels in 30 languages This label set can be glued over the standard German or English labels to provide warnings in other languages. One set of labels is supplied with the devices. One sign in each of the following languages is provided in each set: BG, CN, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, JP, KR, LT, LV, MT, NL, NO, PL, PT, RO, RU, SE, SI, SK, TR	6SL3166-3AB00-0AA0
SINAMICS/SINUMERIK/SIMOTION dust-proof blanking plugs For DRIVE-CLiQ port	
• 6 units	6SL3066-4CA01-0AA0
• 50 units	6SL3066-4CA00-0AA0

Overview


Line reactor

Smart Line Modules are not warranted to operate without the specified line reactors.
 The use of other makes of line reactor can lead to malfunctions or irreparable damage to equipment.

Selection and ordering data

Suitable for Smart Line Module		SINAMICS line reactor	
Rated power Smart Line Module	Booksize format Internal air cooling External air cooling	Rated current	Article No.
kW	Type	A	
5	6SL3130-6AE15-0AB1 6SL3131-6AE15-0AA1	14	6SL3000-0CE15-0AA0
10	6SL3130-6AE21-0AB1 6SL3131-6AE21-0AA1	28	6SL3000-0CE21-0AA0
16	6SL3130-6TE21-6AA4 6SL3131-6TE21-6AA3	35	6SL3000-0CE21-6AA0
36	6SL3130-6TE23-6AA3 6SL3131-6TE23-6AA3	69	6SL3000-0CE23-6AA0
55	6SL3130-6TE25-5AA3 6SL3131-6TE25-5AA3	103	6SL3000-0CE25-5AA0

4

Technical specifications

Article No.	6SL3000-0CE15-0AA0		6SL3000-0CE21-0AA0		6SL3000-0CE21-6AA0		6SL3000-0CE23-6AA0		6SL3000-0CE25-5AA0		
Product designation	Line reactor		Line reactor		Line reactor		Line reactor		Line reactor		
Line voltage 380 ... 480 V 3 AC											
Rated current	A	14	28	35	69	103					
Power loss	W	62	116	110	170	190					
Line/load connection		Screw-type terminals		Screw-type terminals		Screw-type terminals		Screw-type terminals		Screw-type terminals	
1U1, 1V1, 1W1/ 1U2, 1V2, 1W2											
• Conductor cross-section	mm ²	4	10	10	16	70					
PE connection		Screw-type terminals		Screw-type terminals		M5 screw studs according to DIN 46234		M6 screw studs according to DIN 46234		M8 screw studs according to DIN 46234	
• Conductor cross-section		mm ²	4	10	–	–	–				
Degree of protection		IP20	IP20	IP20	IP20	IP20					
Width	mm	150	177	219	228	270					
Height	mm	175	196	180	235	275					
Depth	mm	70	110	144	224	290					
Net weight	kg	3.7	7.5	9.5	17	36					
Certificate of suitability		cURus	cURus	cURus	cURus	cURus					

SINAMICS S120 drive system

SINAMICS S120

Booksize format > Line Modules > Smart Line Modules > Line filters

Overview



Line filter

In plants with strict EMC requirements, line filters work together with line reactors to restrict the conducted interference emanating from the Power Modules to the limit values of Class A1 as defined in EN 55011 and Category C2 as defined in EN 61800-3. Line filters are suited only for direct connection to TN-systems.

The use of other makes of line filter can lead to malfunctions or irreparable damage to equipment.

Selection and ordering data

Suitable for Smart Line Module		SINAMICS line filter	
Rated power Smart Line Module	Booksize format Internal air cooling External air cooling	Rated current	Article No.
kW	Type	A	
5	6SL3130-6AE15-0AB1 6SL3131-6AE15-0AA1	12	6SL3000-0HE15-0AA0
10	6SL3130-6AE21-0AB1 6SL3131-6AE21-0AA1	25	6SL3000-0HE21-0AA0
16	6SL3130-6TE21-6AA4 6SL3131-6TE21-6AA3	36	6SL3000-0BE21-6DA0
36	6SL3130-6TE23-6AA3 6SL3131-6TE23-6AA3	74	6SL3000-0BE23-6DA1
55	6SL3130-6TE25-5AA3 6SL3131-6TE25-5AA3	105	6SL3000-0BE25-5DA0

Technical specifications

Article No.	6SL3000-0HE15-0AA0	6SL3000-0HE21-0AA0	6SL3000-0BE21-6DA0	6SL3000-0BE23-6DA1	6SL3000-0BE25-5DA0
Product designation	Line filter	Line filter	Line filter	Line filter	Line filter
Line voltage 380 ... 480 V 3 AC					
Rated current	A 12	25	36	74	105
Power loss	W 20	20	16	26	43
Line/load connection L1, L2, L3/U, V, W	Screw-type terminals	Screw-type terminals	Screw-type terminals	Screw-type terminals	Screw-type terminals
• Conductor cross-section	mm ² 10	10	10	35	50
PE connection	M6 screw studs according to DIN 46234	M6 screw studs according to DIN 46234	M6 screw studs according to DIN 46234	M6 screw studs according to DIN 46234	M8 screw studs according to DIN 46234
Degree of protection	IP20	IP20	IP20	IP20	IP20
Width	mm 60	60	50	75	100
Height	mm 285	285	429	433	466
Depth	mm 122	122	226	226	226
Net weight	kg 2.1	2.3	5.0	7.5	11.5
Certificate of suitability	cURus	cURus	cURus	cURus	cURus

Article number index

Type	Page	Type	Page	Type	Page
6FC5398-...		6FC5834-GY40-...		6FX.002-5D...	
6FC5398-0AC10-1YA2.....	8/3	6FC5834-1GY40-4YA0.....	2/2, 3/11	6FX.002-5DF10-.....	7/11
6FC5398-1BP40-5RA3.....	8/5	6FC5834-2GY40-4YA0.....	2/2, 3/11	6FX.002-5DF14-.....	7/11
6FC5398-2BP40-5RA3.....	8/5	6FC5834-3GY40-4YA0.....	2/2, 3/11	6FX.002-5DG10-.....	7/11
6FC5398-4BP40-5RA3.....	8/5			6FX.002-5DG12-.....	7/11
6FC5398-5BP40-5.A3.....	8/6	6FC5835-GY40-...		6FX.002-5DG22-.....	7/11
6FC5398-6AP40-5.A3.....	8/5	6FC5835-1GY40-4YA0.....	2/2, 3/5	6FX.002-5DG32-.....	7/11
6FC5398-6AP40-5XC3.....	8/5	6FC5835-2GY40-4YA0.....	2/2, 3/5	6FX.002-5DN01-.....	7/11
6FC5398-6AP40-5XE3.....	8/5	6FC5835-3GY40-4YA0.....	2/2, 3/5	6FX.002-5DN11-.....	7/11
6FC5398-7BP40-5.A3.....	8/6	6FC5836-GY40-...		6FX.002-5DN20-.....	7/11
6FC5398-7CP40-5.A3.....	8/4	6FC5836-1GY40-4YA0.....	2/2, 3/11	6FX.002-5DN21-.....	7/11
6FC5398-7CP40-5XC3.....	8/4	6FC5836-2GY40-4YA0.....	2/2, 3/11	6FX.002-5DN31-.....	7/11
6FC5398-7CP40-5XE3.....	8/4	6FC5836-3GY40-4YA0.....	2/2, 3/11		
6FC5398-8BP40-5.A3.....	8/4	6FC5860-...		6FX.008-1B...	
6FC5398-8CP40-5.A3.....	8/4	6FC5860-0YC40-0YA8.....	2/21, 3/5, 3/11	6FX.008-1BA11-.....	7/11
6FC5398-8CP40-5XC3.....	8/4	6FC5860-7YC00-0YA0.....	2/24, 2/25, 3/5, 3/11	6FX.008-1BA21-.....	7/11
6FC5398-8CP40-5XE3.....	8/4	6FC5864-...		6FX.008-1BB11-.....	7/11
6FC5800-0AC.0-...		6FC5864-0YD00-0AA8.....	2/26	6FX.008-1BB21-.....	7/11
6FC5800-0AC00-0YB0.....	2/3, 2/27	6FC5864-4AP00-0Y0.....	2/26		
6FC5800-0AC20-0YB0.....	2/3, 2/27	6FC5864-4BP00-0Y0.....	2/26	6FX2001-2...	
6FC5800-0AC30-0YB0.....	2/3, 2/27	6FC5864-4CP00-0Y0.....	2/26	6FX2001-2C.....	6/3
6FC5800-0AC50-0YB0.....	2/24, 2/28	6FC5870-...		6FX2001-2D.....	6/3
6FC5800-0AD40-...		6FC5870-0CC41-0YA0.....	8/9	6FX2001-2E.....	6/3
6FC5800-0AD40-0YB0.....	2/22, 2/28	6FC5870-0YC41-1YA0.....	8/9	6FX2001-2F.....	6/3
6FC5800-0AM...		6FC5870-1SC41-0YA0.....	8/9	6FX2001-2G.....	6/3
6FC5800-0AM01-0YB0.....	2/6, 2/27	6FC5870-1TC41-0YA0.....	8/9	6FX2001-2H.....	6/3
6FC5800-0AM06-0YB0.....	2/6, 2/27	6FC5870-1YC41-1YA0.....	8/9	6FX2001-2M.....	6/3
6FC5800-0AM08-0YB0.....	2/9, 2/30	6FC5870-2TC41-0YA0.....	8/9	6FX2001-2N.....	6/3
6FC5800-0AM27-0YB0.....	2/8, 2/27	6FC5870-4YC41-1YA0.....	8/9	6FX2001-2P.....	6/3
6FC5800-0AM28-0YB0.....	2/8, 2/27	6FC5870-4YC41-1YCO.....	8/9	6FX2001-2Q.....	6/3
6FC5800-0AM34-0YB0.....	2/8, 2/27	6FC5870-8YC41-1YA0.....	8/9	6FX2001-2R.....	6/3
6FC5800-0AM54-0YB0.....	2/22, 2/28	6FC5870-8YC41-1YCO.....	8/9	6FX2001-2S.....	6/3
6FC5800-0AM55-0YB0.....	2/22, 2/28	6FC8520-0RX00-...		6FX2001-3...	
6FC5800-0AM60-0YB0.....	2/21, 2/28	6FC8520-0RX00-AA2.....	8/2	6FX2001-3C.....	6/3
6FC5800-0AM72-0YB0.....	2/7, 2/27	6FC9320-5D...		6FX2001-3E.....	6/3
6FC5800-0AM73-0YB0.....	2/8, 2/28	6FC9320-5DB01.....	2/20, 3/17	6FX2001-3G.....	6/3
6FC5800-0AM75-0YB0.....	2/7, 2/28	6FC9320-5DC01.....	2/20, 3/17	6FX2001-5...	
6FC5800-0AM78-0YB0.....	2/18, 2/29	6FC9320-5DE02.....	2/20, 3/17	6FX2001-5F.....	6/5
6FC5800-0AP...		6FC9320-5DF01.....	2/20, 3/17	6FX2001-5Q.....	6/5
6FC5800-0AP01-0YB0.....	2/19, 2/29	6FC9320-5DM00.....	2/20, 3/17	6FX2001-5V.....	6/5
6FC5800-0AP05-0YB0.....	2/13, 2/29	6FC9320-5DN00.....	3/17	6FX2001-5W.....	6/5
6FC5800-0AP13-0YB0.....	2/14, 2/29	6FC9341-...		6FX2001-7K...	
6FC5800-0AP16-0YB0.....	2/10, 2/11, 2/13, 2/15, 2/16, 2/21, 2/29	6FC9341-1AQ.....	2/20, 3/17	6FX2001-7KF06.....	6/6
6FC5800-0AP17-0YB0.....	2/13, 2/29	6FX.002-2...		6FX2001-7KF10.....	6/6
6FC5800-0AP18-0YB0.....	2/9, 2/30	6FX.002-2AD04-.....	7/16	6FX2001-7KP01.....	6/6
6FC5800-0AP22-0YB0.....	2/15, 2/29	6FX.002-2AH00-.....	7/16	6FX2001-7KS06.....	6/6
6FC5800-0AP25-0YB0.....	2/15, 2/29	6FX.002-2AH04-.....	7/16	6FX2001-7KS10.....	6/6
6FC5800-0AP28-0YB0.....	2/9, 2/29	6FX.002-2CA31-.....	7/16	6FX2002-1DC...	
6FC5800-0AP30-0YB0.....	2/25, 2/30	6FX.002-2CA34-.....	7/16	6FX2002-1DC00-.....	7/15
6FC5800-0AP54-0YB0.....	2/14, 2/28	6FX.002-2CB54-.....	7/16	6FX2002-1DC00-1.0.....	3/11, 3/19
6FC5800-0AP55-0YB0.....	2/25, 2/28	6FX.002-2CC11-.....	7/16	6FX2003-0S...	
6FC5800-0AP56-0YB0.....	2/14, 2/30	6FX.002-2CD24-.....	7/16	6FX2003-0SA12.....	6/6
6FC5800-0AP58-0YB0.....	2/14, 2/29	6FX.002-2CG00-.....	7/16	6FX2003-0SA17.....	4/57
6FC5800-0AP64-0YB0.....	2/10, 2/28	6FX.002-2CH00-.....	7/16	6FX2003-0SU07.....	4/47
6FC5800-0AP67-0YB0.....	2/19, 2/30	6FX.002-2CR00-.....	7/16	6FX2003-0SU12.....	6/6
6FC5800-0AP75-0YB0.....	2/3, 2/30	6FX.002-2EQ10-.....	7/16	6FX2006-1BG...	
6FC5800-0AP76-0YB0.....	2/3, 2/28	6FX.002-2EQ14-.....	7/16	6FX2006-1BG03.....	2/20, 3/15
6FC5800-0AP77-0YB0.....	2/3, 2/30	6FX.002-5C...		6FX2006-1BG20.....	2/20, 3/15
6FC5800-0AS...		6FX.002-5CE02-.....	7/12	6FX2006-1BG56.....	3/15
6FC5800-0AS05-0YB0.....	2/14, 2/28	6FX.002-5CE04-.....	7/12	6FX2006-1BG70.....	2/20, 3/15, 3/17
6FC5800-0AS06-0YB0.....	2/22, 2/28	6FX.002-5CE06-.....	7/12	6FX2007-1AD...	
6FC5800-0AS07-0YB0.....	2/7, 2/9, 2/30	6FX.002-5CF10-.....	7/11	6FX2007-1AD03.....	2/20, 3/15
6FC5800-0AS16-0YB0.....	2/7, 2/30	6FX.002-5CF14-.....	7/11	6FX2007-1AD13.....	2/20, 3/15
6FC5800-0AS17-0YB0.....	2/9, 2/30	6FX.002-5CG10-.....	7/11	6FX5002-2...	
6FC5800-0AS35-0YB0.....	2/14, 2/22, 2/29	6FX.002-5CG12-.....	7/11	6FX5002-2CA12-.....	7/16
6FC5800-0AS50-0YB0.....	2/8, 2/27	6FX.002-5CG22-.....	7/11	6FX5002-2DC10-.....	7/15
6FC5800-0AS51-0YB0.....	2/7, 2/27	6FX.002-5CG32-.....	7/11	6FX8002-...	
6FC5800-0AS52-0YB0.....	2/7, 2/28	6FX.002-5CN01-.....	7/11	6FX8002-2CA80-.....	7/16
6FC5800-0AS53-0YB0.....	2/10, 2/28	6FX.002-5CN11-.....	7/11	6FX8002-2DC10-.....	7/15
6FC5800-0AS54-0YB0.....	2/8, 2/27	6FX.002-5CN21-.....	7/11	6FX8002-5CP10-.....	7/12
6FC5830-0CY40-...		6FX.002-5CN31-.....	7/11	6FX8002-5CP11-.....	7/12
6FC5830-0CY40-0YA8.....	3/5, 3/11	6FC5833-GY40-...		6FX8002-5CR10-.....	7/12
6FC5833-GY40-...		6FC5833-1GY40-4YA0.....	2/2, 3/11	6FX8002-5CR11-.....	7/12
6FC5833-1GY40-4YA0.....	2/2, 3/11	6FC5833-2GY40-4YA0.....	2/2, 3/11	6FX8008-1BB...	
6FC5833-2GY40-4YA0.....	2/2, 3/11			6FX8008-1BB21-.....	7/12
				6FX8008-1BB31-.....	7/12
				6FX8008-1BB41-.....	7/12

Appendix

Indexes

Article number index

Type	Page	Type	Page	Type	Page
6NH...		6SL3100-1...		6SL3131-7TE2...	
6NH7701-5AN.....	2/25, 3/21	6SL3100-1AE31-0AB1	4/45	6SL3131-7TE21-6AA3	4/24
6NH9720-3AA00.....	2/25, 3/21	6SL3100-1BE31-0AA0	4/46	6SL3131-7TE23-6AA3	4/24
6NH9860-1AA00.....	2/25, 3/21	6SL3100-1CE14-0AA0	4/47	6SL3131-7TE25-5AA3	4/24
6SE7023-2...		6SL3100-1DE22-0AA1	4/48	6SL3131-7TE28-0AA3	4/24
6SE7023-2ES87-2DC0.....	4/46	6SL3111-VE2...		6SL3131-7TE31-2AA3	4/24
6SE7028-0...		6SL3111-3VE21-6EA0	4/3	6SL3160-8...	
6SE7028-0ES87-2DC0.....	4/46	6SL3111-3VE21-6FA0	4/3	6SL3160-8CD10-0AA0	4/26
6SL3000-0...		6SL3111-3VE22-0HA0	4/3	6SL3160-8DF10-0AA0	4/26
6SL3000-0BE21-6DA0.....	4/10, 4/18, 4/27, 4/34	6SL3111-4VE21-0EA0	4/3	6SL3160-8EH10-0AA0	4/26
6SL3000-0BE23-6DA1.....	4/18, 4/27, 4/34	6SL3111-4VE21-6EA0	4/3	6SL3160-8FM10-0AA0	4/26
6SL3000-0BE25-5DA0.....	4/18, 4/27	6SL3111-4VE21-6FA0	4/3	6SL3161-...	
6SL3000-0BE28-0DA0.....	4/27	6SL3111-4VE22-0HA0	4/3	6SL3161-0EP00-0AA0	4/8
6SL3000-0BE31-2DA0.....	4/27, 4/34	6SL3120-1TE...		6SL3161-1LP00-0AA0	4/8
6SL3000-0CE15-0AA0.....	4/17	6SL3120-1TE13-0AA4	4/40	6SL3162-1...	
6SL3000-0CE21-0AA0.....	4/17	6SL3120-1TE15-0AA4	4/40	6SL3162-1AF00-0AA1	4/16, 4/24, 4/32, 4/40
6SL3000-0CE21-6AA0.....	4/17	6SL3120-1TE21-0AA4	4/40	6SL3162-1AF00-0BA1	4/24, 4/40
6SL3000-0CE22-0AA0.....	4/33	6SL3120-1TE21-8AA4	4/40	6SL3162-1AH00-0AA0	4/24, 4/40
6SL3000-0CE23-6AA0.....	4/17	6SL3120-1TE23-0AA4	4/40	6SL3162-1AH01-0AA0	4/24, 4/32
6SL3000-0CE24-0AA0.....	4/33	6SL3120-1TE24-5AA3	4/40	6SL3162-1AH01-0BA0	4/24, 4/40
6SL3000-0CE25-5AA0.....	4/17	6SL3120-1TE26-0AA3	4/40	6SL3162-2...	
6SL3000-0CE31-0AA0.....	4/33	6SL3120-1TE28-5AA3	4/40	6SL3162-2AA00-0AA0	4/16, 4/24, 4/32, 4/40
6SL3000-0HE15-0AA0.....	4/18	6SL3120-1TE31-3AA3	4/40	6SL3162-2BD00-0AA0	4/16, 4/24, 4/32, 4/40, 4/43, 4/49
6SL3000-0HE21-0AA0.....	4/18	6SL3120-1TE32-0AA4	4/40	6SL3162-2BM00-0AA0	4/16, 4/24, 4/32, 4/40, 4/49
6SL3040-1N...		6SL3120-2TE...		6SL3162-2BM01-0AA0	4/16, 4/24, 4/32, 4/40, 4/43, 4/49
6SL3040-1NB00-0AA0.....	2/3, 3/11	6SL3120-2TE13-0AA4	4/43	6SL3162-2DB00-0AA0	4/40, 4/43
6SL3040-1NC00-0AA0.....	2/2, 3/11	6SL3120-2TE15-0AA4	4/43	6SL3162-2DD00-0AA0	4/40, 4/43
6SL3055-0AA00-...		6SL3120-2TE21-0AA4	4/43	6SL3162-2MA00-0AA0	4/40, 4/43
6SL3055-0AA00-3BA0.....	2/24, 3/11	6SL3120-2TE21-8AA3	4/43	6SL3162-8...	
6SL3055-0AA00-3BA0.....	4/52	6SL3121-1TE...		6SL3162-8AB00-0AA0	4/43
6SL3055-0AA00-5BA3.....	2/4, 4/54	6SL3121-1TE13-0AA4	4/40	6SL3162-8BD00-0AA0	4/43
6SL3055-0AA00-5CA2.....	2/4, 4/55	6SL3121-1TE15-0AA4	4/40	6SL3163-1...	
6SL3055-0AA00-5DA0.....	2/4, 4/56	6SL3121-1TE21-0AA4	4/40	6SL3163-1AF00-0AA0	4/26
6SL3055-0AA00-5EA3.....	2/4	6SL3121-1TE21-8AA4	4/40	6SL3163-1AH00-0AA0	4/26
6SL3055-0AA00-5HA3.....	2/4	6SL3121-1TE23-0AA3	4/40	6SL3163-1AM00-0AA0	4/26
6SL3055-0AA00-5JA3.....	2/4	6SL3121-1TE24-5AA3	4/40	6SL3163-8...	
6SL3055-0AA00-5KA3.....	2/4, 4/57	6SL3121-1TE26-0AA3	4/40	6SL3163-8FD00-0AA0	4/16, 4/24
6SL3055-0AA00-6AA1.....	2/4, 4/50	6SL3121-1TE28-5AA3	4/40	6SL3163-8GF00-0AA0	4/16, 4/24
6SL3055-0AA00-6AB0.....	2/4, 4/51	6SL3121-1TE31-3AA3	4/40	6SL3163-8HH00-0AA0	4/24
6SL3060-4A...0...		6SL3121-1TE32-0AA4	4/40	6SL3163-8JM00-0AA0	4/24
6SL3060-4A...0-0AA0	3/11, 3/19, 7/15	6SL3121-2TE...		6SL3163-8KB00-0AA1	4/16
6SL3060-4AA10-0AA0.....	4/26	6SL3121-2TE13-0AA4	4/43	6SL3163-8LD00-0AA0	4/32
6SL3060-4AK00-0AA0.....	4/26	6SL3121-2TE15-0AA4	4/43	6SL3166-...	
6SL3060-4AP00-0AA0.....	4/26	6SL3121-2TE21-0AA4	4/43	6SL3166-3AB00-0AA0	4/16, 4/24, 4/26, 4/32, 4/40, 4/45, 4/47, 4/48
6SL3060-4AU00-0AA0.....	4/26	6SL3121-2TE21-8AA3	4/43	6SL3420-TE...	
6SL3066-4CA0...		6SL3130-1...		6SL3420-1TE13-0AA1	4/12
6SL3066-4CA00-0AA0.....	4/16, 4/24, 4/32, 4/40, 4/50 – 4/52	6SL3130-1TE22-0AA0	4/32	6SL3420-1TE15-0AA1	4/12
6SL3066-4CA01-0AA0.....	4/16, 4/24, 4/32, 4/40, 4/50 – 4/52	6SL3130-1TE24-0AA0	4/32	6SL3420-1TE21-0AA1	4/12
6SL3070-0AA00-...		6SL3130-1TE31-0AA0	4/32	6SL3420-1TE21-8AA1	4/12
6SL3070-0AA00-0AG0	3/5, 3/11, 8/13	6SL3130-6...		6SL3420-2TE11-7AA1	4/13
6SL3072-0AA00-...		6SL3130-6AE15-0AB1	4/16	6SL3420-2TE13-0AA1	4/13
6SL3072-0AA00-0AG0	3/5, 3/11	6SL3130-6AE21-0AB1	4/16	6SL3420-2TE15-0AA1	4/13
6SL3097-...		6SL3130-6TE21-6AA4	4/16	6SN1113-1AA00-...	
6SL3097-4AV00-0.P4.....	8/4	6SL3130-6TE23-6AA3	4/16	6SN1113-1AA00-0DA0	4/46
6SL3100-0...		6SL3130-6TE25-5AA3	4/16	7KM...	
6SL3100-0BE21-6AB0.....	4/26	6SL3130-7TE...		7KM2112-0BA00-3AA0	2/25, 3/23
6SL3100-0BE23-6AB0.....	4/26	6SL3130-7TE21-6AA4	4/24	7KM4212-0BA00-3AA0	2/25, 3/23
6SL3100-0BE25-5AB0.....	4/26	6SL3130-7TE23-6AA3	4/24	E86060-D4001-...	
6SL3100-0BE28-0AB0.....	4/26	6SL3130-7TE25-5AA3	4/24	E86060-D4001-A510-D4-7600	8/14
6SL3100-0BE31-2AB0.....	4/26	6SL3130-7TE28-0AA3	4/24		
6SL3100-0EE21-6AA0.....	4/9	6SL3130-7TE31-2AA3	4/24		
6SL3100-0EE22-0AA0.....	4/9	6SL3131-6...			
		6SL3131-6AE15-0AA1	4/16		
		6SL3131-6AE21-0AA1	4/16		
		6SL3131-6TE21-6AA3	4/16		
		6SL3131-6TE23-6AA3	4/16		
		6SL3131-6TE25-5AA3	4/16		

Order code index

Order code	Page
K23.....	5/3, 5/9, 5/11
Q12.....	5/12
Q52.....	5/12
Y64.....	5/12

Rotary inertia (to convert from A to B, multiply by entry in table)

A \ B	lb-in ²	lb-ft ²	lb-in-s ²	lb-ft-s ² slug-ft ²	kg-cm ²	kg-cm-s ²	gm-cm ²	gm-cm-s ²	oz-in ²	oz-in-s ²
lb-in ²	1	6.94×10^{-3}	2.59×10^{-3}	2.15×10^{-4}	2.926	2.98×10^{-3}	2.92×10^3	2.984	16	4.14×10^{-2}
lb-ft ²	144	1	0.3729	3.10×10^{-2}	421.40	0.4297	4.21×10^5	429.71	2304	5.967
lb-in-s ²	386.08	2.681	1	8.33×10^{-2}	1.129×10^3	1.152	1.129×10^6	1.152×10^3	6.177×10^3	16
lb-ft-s ² slug-ft ²	4.63×10^3	32.17	12	1	1.35×10^4	13.825	1.355×10^7	1.38×10^4	7.41×10^4	192
kg-cm ²	0.3417	2.37×10^{-3}	8.85×10^{-4}	7.37×10^{-5}	1	1.019×10^{-3}	1000	1.019	5.46	1.41×10^{-2}
kg-cm-s ²	335.1	2.327	0.8679	7.23×10^{-2}	980.66	1	9.8×10^5	1000	5.36×10^3	13.887
gm-cm ²	3.417×10^{-4}	2.37×10^{-6}	8.85×10^{-7}	7.37×10^{-8}	1×10^{-3}	1.01×10^{-6}	1	1.01×10^{-3}	5.46×10^{-3}	1.41×10^{-5}
gm-cm-s ²	0.335	2.32×10^{-3}	8.67×10^{-4}	7.23×10^{-5}	0.9806	1×10^{-3}	980.6	1	5.36	1.38×10^{-2}
oz-in ²	0.0625	4.34×10^{-4}	1.61×10^{-4}	1.34×10^{-5}	0.182	1.86×10^{-4}	182.9	0.186	1	2.59×10^{-3}
oz-in-s ²	24.13	0.1675	6.25×10^{-2}	5.20×10^{-3}	70.615	7.20×10^{-2}	7.09×10^4	72.0	386.08	1

Torque (to convert from A to B, multiply by entry in table)

A \ B	lb-in	lb-ft	oz-in	N-m	kg-cm	kg-m	gm-cm	dyne-cm
lb-in	1	8.333×10^{-2}	16	0.113	1.152	1.152×10^{-2}	1.152×10^3	1.129×10^6
lb-ft	12	1	192	1.355	13.825	0.138	1.382×10^4	1.355×10^7
oz-in	6.25×10^{-2}	5.208×10^{-3}	1	7.061×10^{-3}	7.200×10^{-2}	7.200×10^{-4}	72.007	7.061×10^4
N-m	8.850	0.737	141.612	1	10.197	0.102	1.019×10^4	1×10^7
kg-cm	0.8679	7.233×10^{-2}	13.877	9.806×10^{-2}	1	10^{-2}	1000	9.806×10^5
kg-m	86.796	7.233	1.388×10^3	9.806	100	1	1×10^5	9.806×10^7
gm-cm	8.679×10^{-4}	7.233×10^{-5}	1.388×10^{-2}	9.806×10^{-5}	1×10^{-3}	1×10^{-5}	1	980.665
dyne-cm	8.850×10^{-7}	7.375×10^{-8}	1.416×10^{-5}	10^{-7}	1.0197×10^{-6}	1.019×10^{-8}	1.019×10^{-3}	1

Length (to convert from A to B, multiply by entry in table)

A \ B	inches	feet	cm	yd	mm	m
inches	1	0.0833	2.54	0.028	25.4	0.0254
feet	12	1	30.48	0.333	304.8	0.3048
cm	0.3937	0.03281	1	1.09×10^{-2}	10	0.01
yd	36	3	91.44	1	914.4	0.914
mm	0.03937	0.00328	0.1	1.09×10^{-3}	1	0.001
m	39.37	3.281	100	1.09	1000	1

Power (to convert from A to B, multiply by entry in table)

A \ B	hp	Watts
hp (English)	1	745.7
(lb-in) (deg./s)	2.645×10^{-6}	1.972×10^{-3}
(lb-in) (rpm)	1.587×10^{-5}	1.183×10^{-2}
(lb-ft) (deg./s)	3.173×10^{-5}	2.366×10^{-2}
(lb-ft) (rpm)	1.904×10^{-4}	0.1420
Watts	1.341×10^{-3}	1

Force (to convert from A to B, multiply by entry in table)

A \ B	lb	oz	gm	dyne	N
lb	1	16	453.6	4.448×10^5	4.4482
oz	0.0625	1	28.35	2.780×10^4	0.27801
gm	2.205×10^{-3}	0.03527	1	1.02×10^{-3}	N.A.
dyne	2.248×10^{-6}	3.59×10^{-5}	980.7	1	0.00001
N	0.22481	3.5967	N.A.	100000	1

Mass (to convert from A to B, multiply by entry in table)

A \ B	lb	oz	gm	kg	slug
lb	1	16	453.6	0.4536	0.0311
oz	6.25×10^{-2}	1	28.35	0.02835	1.93×10^{-3}
gm	2.205×10^{-3}	3.527×10^{-2}	1	10^{-3}	6.852×10^{-5}
kg	2.205	35.27	10^3	1	6.852×10^{-2}
slug	32.17	514.8	1.459×10^4	14.59	1

Rotation (to convert from A to B, multiply by entry in table)

A \ B	rpm	rad/s	degrees/s
rpm	1	0.105	6.0
rad/s	9.55	1	57.30
degrees/s	0.167	1.745×10^{-2}	1