

Quick Packages

Turning machines

Package overview

Feed motors								CT Compact HI High Inertia	
Axis 1				Axis 2					
Static torque	Rated speed			Static torque	Rated speed				
M_0	n_{rated}	Type	Article No.	M_0	n_{rated}	Type	Article No.		
Nm	rpm			Nm	rpm				
6	3000	HI	1FK7060-3BF71-1R.1	6	3000	CT	1FK7060-2AF71-1R.1		
6	3000	CT	1FK7060-2AF71-1R.1	6	3000	CT	1FK7060-2AF71-1R.1		
6	3000	HI	1FK7060-3BF71-1R.1	8	3000	CT	1FK7080-2AF71-1R.1		
6	3000	HI	1FK7060-3BF71-1R.1	11	2000	CT	1FK7063-2AC71-1R.1		
6	3000	HI	1FK7060-3BF71-1R.1	11	3000	CT	1FK7063-2AF71-1R.1		
6	3000	HI	1FK7060-3BF71-1R.1	16	2000	CT	1FK7083-2AC71-1R.1		
8	3000	HI	1FK7062-3BF71-1R.1	8	3000	CT	1FK7080-2AF71-1R.1		
8	3000	CT	1FK7080-2AF71-1R.1	8	3000	CT	1FK7080-2AF71-1R.1		
8	3000	HI	1FK7062-3BF71-1R.1	11	2000	CT	1FK7063-2AC71-1R.1		
8	3000	HI	1FK7062-3BF71-1R.1	12	3000	HI	1FK7081-3BF71-1R.1		
11	2000	CT	1FK7063-2AC71-1R.1	11	2000	CT	1FK7063-2AC71-1R.1		
11	3000	CT	1FK7063-2AF71-1R.1	11	3000	CT	1FK7063-2AF71-1R.1		
11	3000	CT	1FK7063-2AF71-1R.1	12	3000	HI	1FK7081-3BF71-1R.1		
11	3000	CT	1FK7063-2AF71-1R.1	16	2000	CT	1FK7083-2AC71-1R.1		
11	3000	CT	1FK7063-2AF71-1R.1	20	2000	HI	1FK7084-3BC71-1R.1		
16	2000	CT	1FK7083-2AC71-1R.1	16	2000	CT	1FK7083-2AC71-1R.1		

Spindle motors				
Rated power	Static torque	Rated current for S1 duty	Rated speed	
P_{rated}	M_0	I_{rated}	n_{rated}	Article No.
kW	Nm	A	rpm	
3.7	21	11.6	2000	1PH8083-1DG0.-OCA1
4.8	27	17.3	3000	1PH8087-1DM0.-OCA1
5.5	38	13.5	1500	1PH8103-1DF0.-OCA1
7	52	17.5	1500	1PH8105-1DF0.-OCA1
9	63	23.5	1500	1PH8107-1DF0.-OCA1
11	96	24	1500	1PH8131-1DF0.-OCA1
12	128	30	1000	1PH8133-1DD0.-OCA1

1FK7...-...71-1R■1

- G** Without holding brake
H With holding brake

1PH8...-1..0■-OCA1

- 0** Type of construction IM B3
2 Type of construction IM B5

Package overview

Quick Packages for turning machines
including SINAMICS S120 Combi Power Module for 3 axes

Package No.

QT 2120004	QT 2120005	QT 2120006	QT 2120007			
QT 2020004	QT 2020005	QT 2020006	QT 2020007			
QT 2125004	QT 2125005	QT 2125006	QT 2125007			
		QT 2130006	QT 2130007			
		QT 2131006	QT 2131007			
				QT 2140009	QT 2140001	QT 2140002
QT 2625004	QT 2625005	QT 2625006	QT 2625007			
QT 2525004	QT 2525005	QT 2525006	QT 2525007			
		QT 2630006	QT 2630007			
			QT 2635007	QT 2635009	QT 2635001	
		QT 3030006	QT 3030007			
		QT 3131006	QT 3131007	QT 3131009	QT 3131001	QT 3131002
				QT 3135009	QT 3135001	QT 3135002
				QT 3140009	QT 3140001	QT 3140002
				QT 3151009	QT 3151001	QT 3151002
				QT 4040009	QT 4040001	QT 4040002

SINAMICS S120 Combi Power Modules for 3 axes

	6SL3111-3VE21-6FA0
	6SL3111-3VE21-6EA0
	6SL3111-3VE22-0HA0

Quick Package

- QT 21
A SINUMERIK 828D (PPU 260.2, PPU 261.2, PPU 280.2 or PPU 281.2)
B SINUMERIK 828D BASIC T (PPU 240.2 or PPU 241.2)

Quick Packages

Milling machines

Package overview

Feed motors												CT Compact HI High Inertia	
Axis 1				Axis 2				Axis 3					
Static torque	Rated speed			Static torque	Rated speed			Static torque	Rated speed				
M_0	n_{rated}	Type	Article No.	M_0	n_{rated}	Type	Article No.	M_0	n_{rated}	Type	Article No.		
Nm	rpm			Nm	rpm			Nm	rpm				
6	3000	HI	1FK7060-3BF71-1R.1	6	3000	HI	1FK7060-3BF71-1R.1	8	3000	CT	1FK7080-2AF71-1R.1		
6	3000	HI	1FK7060-3BF71-1R.1	6	3000	HI	1FK7060-3BF71-1R.1	11	3000	CT	1FK7063-2AF71-1R.1		
6	3000	HI	1FK7060-3BF71-1R.1	6	3000	HI	1FK7060-3BF71-1R.1	16	2000	CT	1FK7083-2AC71-1R.1		
6	3000	HI	1FK7060-3BF71-1R.1	8	3000	HI	1FK7062-3BF71-1R.1	11	3000	CT	1FK7063-2AF71-1R.1		
8	3000	HI	1FK7062-3BF71-1R.1	8	3000	HI	1FK7062-3BF71-1R.1	8	3000	CT	1FK7080-2AF71-1R.1		
8	3000	HI	1FK7062-3BF71-1R.1	8	3000	HI	1FK7062-3BF71-1R.1	11	3000	CT	1FK7063-2AF71-1R.1		
8	3000	HI	1FK7062-3BF71-1R.1	8	3000	HI	1FK7062-3BF71-1R.1	12	3000	HI	1FK7081-3BF71-1R.1		
8	3000	HI	1FK7062-3BF71-1R.1	8	3000	HI	1FK7062-3BF71-1R.1	16	2000	CT	1FK7083-2AC71-1R.1		
8	3000	HI	1FK7062-3BF71-1R.1	8	3000	HI	1FK7062-3BF71-1R.1	16	3000	CT	1FK7083-2AF71-1R.1		
8	3000	HI	1FK7062-3BF71-1R.1	8	3000	HI	1FK7062-3BF71-1R.1	18	3000	CT	1FK7100-2AF71-1R.1		
8	3000	HI	1FK7062-3BF71-1R.1	8	3000	HI	1FK7062-3BF71-1R.1	27	2000	CT	1FK7101-2AC71-1R.1		
8	3000	HI	1FK7062-3BF71-1R.1	11	2000	CT	1FK7063-2AC71-1R.1	12	3000	HI	1FK7081-3BF71-1R.1		
11	2000	CT	1FK7063-2AC71-1R.1	11	2000	CT	1FK7063-2AC71-1R.1	11	2000	CT	1FK7063-2AC71-1R.1		
11	2000	CT	1FK7063-2AC71-1R.1	11	2000	CT	1FK7063-2AC71-1R.1	11	3000	CT	1FK7063-2AF71-1R.1		
11	2000	CT	1FK7063-2AC71-1R.1	11	2000	CT	1FK7063-2AC71-1R.1	12	3000	HI	1FK7081-3BF71-1R.1		
11	2000	CT	1FK7063-2AC71-1R.1	11	2000	CT	1FK7063-2AC71-1R.1	16	2000	CT	1FK7083-2AC71-1R.1		
11	3000	CT	1FK7063-2AF71-1R.1	11	3000	CT	1FK7063-2AF71-1R.1	11	3000	CT	1FK7063-2AF71-1R.1		
11	3000	CT	1FK7063-2AF71-1R.1	11	3000	CT	1FK7063-2AF71-1R.1	16	2000	CT	1FK7083-2AC71-1R.1		
11	3000	CT	1FK7063-2AF71-1R.1	11	3000	CT	1FK7063-2AF71-1R.1	16	3000	CT	1FK7083-2AF71-1R.1		
11	3000	CT	1FK7063-2AF71-1R.1	11	3000	CT	1FK7063-2AF71-1R.1	18	3000	CT	1FK7100-2AF71-1R.1		
11	3000	CT	1FK7063-2AF71-1R.1	11	3000	CT	1FK7063-2AF71-1R.1	20	2000	CT	1FK7084-2AC71-1R.1		
11	3000	CT	1FK7063-2AF71-1R.1	11	3000	CT	1FK7063-2AF71-1R.1	20	3000	CT	1FK7084-2AF71-1R.1		
11	3000	CT	1FK7063-2AF71-1R.1	11	3000	CT	1FK7063-2AF71-1R.1	27	2000	CT	1FK7101-2AC71-1R.1		
11	3000	CT	1FK7063-2AF71-1R.1	16	2000	CT	1FK7083-2AC71-1R.1	16	2000	CT	1FK7083-2AC71-1R.1		

Spindle motors

Rated power	Static torque	Rated current for S1 duty	Rated speed	
P_{rated}	M_0	I_{rated}	n_{rated}	Article No.
kW	Nm	A	rpm	
3.7	21	11.6	2000	1PH8083-1UG0.-0LA1
4.8	27	17.3	3000	1PH8087-1UM0.-0LA1
5.5	38	13.5	1500	1PH8103-1DF0.-0LA1
7	52	17.5	1500	1PH8105-1DF0.-0LA1
9	63	23.5	1500	1PH8107-1DF0.-0LA1
11	96	24	1500	1PH8131-1DF0.-0LA1
12	128	30	1000	1PH8133-1DD0.-0LA1

1FK7...-71-1R ■ 1

- G** Without holding brake
H With holding brake

1PH8...-1..0 ■ -0LA1

- 0** Type of construction IM B3
2 Type of construction IM B5

Quick Packages

Milling machines

Package overview

Quick Packages for milling machines
including SINAMICS S120 Combi Power Module for 4 axes

Package No.

QM 2121254	QM 2121255	QM 2121256	QM 2121257	QM 2121259		
QM 2121314	QM 2121315	QM 2121316	QM 2121317	QM 2121319		
QM 2121404	QM 2121405	QM 2121406	QM 2121407	QM 2121409		
QM 2126314	QM 2126315	QM 2126316	QM 2126317	QM 2126319		
QM 2626254	QM 2626255	QM 2626256	QM 2626257	QM 2626259		
QM 2626314	QM 2626315	QM 2626316	QM 2626317	QM 2626319		
QM 2626354	QM 2626355	QM 2626356	QM 2626357	QM 2626359		
QM 2626404	QM 2626405	QM 2626406	QM 2626407	QM 2626409		
				QM 2626419	QM 2626411	QM 2626412
				QM 2626459	QM 2626451	QM 2626452
				QM 2626559	QM 2626551	QM 2626552
QM 2630354	QM 2630355	QM 2630356	QM 2630357	QM 2630359		
QM 3030304	QM 3030305	QM 3030306	QM 3030307	QM 3030309		
QM 3030314	QM 3030315	QM 3030316	QM 3030317	QM 3030319		
QM 3030354	QM 3030355	QM 3030356	QM 3030357	QM 3030359		
QM 3030404	QM 3030405	QM 3030406	QM 3030407	QM 3030409		
QM 3131314	QM 3131315	QM 3131316	QM 3131317	QM 3131319	QM 3131311	
		QM 3131406	QM 3131407	QM 3131409	QM 3131401	
		QM 3131416	QM 3131417	QM 3131419	QM 3131411	QM 3131412
				QM 3131459	QM 3131451	QM 3131452
			QM 3131507	QM 3131509	QM 3131501	
				QM 3131529	QM 3131521	QM 3131522
				QM 3131559	QM 3131551	QM 3131552
			QM 3140407	QM 3140409	QM 3140401	

SINAMICS S120 Combi Power Modules for 4 axes

	6SL3111-4VE21-6FA0
	6SL3111-4VE21-6EA0
	6SL3111-4VE22-0HA0

Quick Package

QM

- A SINUMERIK 828D (PPU 260.2, PPU 261.2, PPU 280.2 or PPU 281.2)
- B SINUMERIK 828D BASIC M (PPU 240.2 or PPU 241.2)

Quick Packages

Milling machines

Package overview

Feed motors												CT Compact HI High Inertia	
Axis 1				Axis 2				Axis 3					
Static torque	Rated speed			Static torque	Rated speed			Static torque	Rated speed				
M_0	n_{rated}	Type	Article No.	M_0	n_{rated}	Type	Article No.	M_0	n_{rated}	Type	Article No.		
Nm	rpm			Nm	rpm			Nm	rpm				
12	3000	HI	1FK7081-3BF71-1R.1	12	3000	HI	1FK7081-3BF71-1R.1	12	3000	HI	1FK7081-3BF71-1R.1		
12	3000	HI	1FK7081-3BF71-1R.1	12	3000	HI	1FK7081-3BF71-1R.1	16	2000	CT	1FK7083-2AC71-1R.1		
12	3000	HI	1FK7081-3BF71-1R.1	12	3000	HI	1FK7081-3BF71-1R.1	16	3000	CT	1FK7083-2AF71-1R.1		
12	3000	HI	1FK7081-3BF71-1R.1	12	3000	HI	1FK7081-3BF71-1R.1	18	3000	CT	1FK7100-2AF71-1R.1		
12	3000	HI	1FK7081-3BF71-1R.1	12	3000	HI	1FK7081-3BF71-1R.1	20	2000	CT	1FK7084-2AC71-1R.1		
12	3000	HI	1FK7081-3BF71-1R.1	12	3000	HI	1FK7081-3BF71-1R.1	20	3000	CT	1FK7084-2AF71-1R.1		
12	3000	HI	1FK7081-3BF71-1R.1	12	3000	HI	1FK7081-3BF71-1R.1	27	2000	CT	1FK7101-2AC71-1R.1		
12	3000	HI	1FK7081-3BF71-1R.1	20	2000	HI	1FK7084-3BC71-1R.1	20	2000	CT	1FK7084-2AC71-1R.1		
12	3000	HI	1FK7081-3BF71-1R.1	20	2000	HI	1FK7084-3BC71-1R.1	20	3000	CT	1FK7084-2AF71-1R.1		
16	2000	CT	1FK7083-2AC71-1R.1	16	2000	CT	1FK7083-2AC71-1R.1	16	2000	CT	1FK7083-2AC71-1R.1		
16	2000	CT	1FK7083-2AC71-1R.1	16	2000	CT	1FK7083-2AC71-1R.1	16	3000	CT	1FK7083-2AF71-1R.1		
16	2000	CT	1FK7083-2AC71-1R.1	16	2000	CT	1FK7083-2AC71-1R.1	18	3000	CT	1FK7100-2AF71-1R.1		
16	2000	CT	1FK7083-2AC71-1R.1	16	2000	CT	1FK7083-2AC71-1R.1	20	2000	CT	1FK7084-2AC71-1R.1		
16	2000	CT	1FK7083-2AC71-1R.1	16	2000	CT	1FK7083-2AC71-1R.1	20	3000	CT	1FK7084-2AF71-1R.1		
16	2000	CT	1FK7083-2AC71-1R.1	16	2000	CT	1FK7083-2AC71-1R.1	27	2000	CT	1FK7101-2AC71-1R.1		
16	2000	CT	1FK7083-2AC71-1R.1	20	2000	HI	1FK7084-3BC71-1R.1	20	2000	HI	1FK7084-3BC71-1R.1		
20	2000	HI	1FK7084-3BC71-1R.1	20	2000	HI	1FK7084-3BC71-1R.1	20	2000	CT	1FK7084-2AC71-1R.1		
20	2000	HI	1FK7084-3BC71-1R.1	20	2000	HI	1FK7084-3BC71-1R.1	20	3000	CT	1FK7084-2AF71-1R.1		
20	2000	HI	1FK7084-3BC71-1R.1	20	2000	HI	1FK7084-3BC71-1R.1	27	2000	CT	1FK7101-2AC71-1R.1		

Spindle motors

Rated power	Static torque	Rated current for S1 duty	Rated speed	
P_{rated}	M_0	I_{rated}	n_{rated}	Article No.
kW	Nm	A	rpm	
7	52	17.5	1500	1PH8105-1DF0.-0LA1
9	63	23.5	1500	1PH8107-1DF0.-0LA1
11	96	24	1500	1PH8131-1DF0.-0LA1
12	128	30	1000	1PH8133-1DD0.-0LA1

1FK7...-...71-1R ■ 1

- G** Without holding brake
- H** With holding brake

1PH8...-1..0 ■-0LA1

- 0** Type of construction IM B3
- 2** Type of construction IM B5

Quick Packages

Milling machines

Package overview

Quick Packages for milling machines
including SINAMICS S120 Combi Power Module for 4 axes

Package No.

QM 3535357	QM 3535359	QM 3535351		
QM 3535407	QM 3535409	QM 3535401		
	QM 3535419	QM 3535411		QM 3535412
	QM 3535459	QM 3535451		QM 3535452
QM 3535507	QM 3535509	QM 3535501		
	QM 3535529	QM 3535521		QM 3535522
	QM 3535559	QM 3535551		QM 3535552
QM 3551507	QM 3551509	QM 3551501		
	QM 3551529	QM 3551521		QM 3551522
QM 4040407	QM 4040409	QM 4040401		
	QM 4040419	QM 4040411		QM 4040412
	QM 4040459	QM 4040451		QM 4040452
QM 4040507	QM 4040509	QM 4040501		
	QM 4040529	QM 4040521		QM 4040522
	QM 4040559	QM 4040551		QM 4040552
QM 4051517	QM 4051519	QM 4051511		
QM 5151507	QM 5151509	QM 5151501		
	QM 5151529	QM 4051521		QM 5151522
	QM 5151559	QM 5151551		QM 5151552

SINAMICS S120 Combi Power Modules for 4 axes

	6SL3111-4VE21-6EA0
	6SL3111-4VE22-0HA0

Quick Package

QM

- A SINUMERIK 828D (PPU 260.2, PPU 261.2, PPU 280.2 or PPU 281.2)
- B SINUMERIK 828D BASIC M (PPU 240.2 or PPU 241.2)