

■ Flange Type

Type		Standard bore, Slim type		Large bore, Slim type		Standard bore, High torque type		Large bore, High torque type	
Encoder		Standard (17bit)	High resolution (20bit)	Standard (17bit)	High resolution (20bit)	Standard (17bit)	High resolution (20bit)	Standard (17bit)	High resolution (20bit)
Model	Standard	DD-T18S	DD-T18P	DD-LT18S	DD-LT18P	DD-H18S	DD-H18P	DD-LH18S	DD-LH18P
	Cleanroom	DDCR-T18S	DDCR-T18P	DDCR-LT18S	DDCR-LT18P	DDCR-H18S	DDCR-H18P	DDCR-LH18S	DDCR-LH18P
External view									
Rated torque (N•m)		8.4				25			
max. instantaneous torque(N•m)		25.2				75			
Rated speed(deg/s)		1,080				1,440			
Max. speed(deg/s)		1,800				1,440			
Motor wattage (W)		200				600			
Size (mm)		180×180				180×180			
Height (mm)		53		60		125			
Hollow bore(mm)		φ20.5		φ47		φ20.5		φ47	
Weight (kg)		5.6		6.2		13.6		13.2	
Cleanroom type		Class10 (0.1μm)							
Encoder type		Index absolute/Multi-rotation absolute							
Applicable controller		XSEL SCON-CA	SCON-CA	XSEL SCON-CA	SCON-CA	XSEL SCON-CA	SCON-CA	XSEL SCON-CA	SCON-CA

■ Flangeless Type

Type		Standard bore, Slim type		Large bore, Slim type		Standard bore, High torque type		Large bore, High torque type	
Encoder		Standard (17bit)	High resolution (20bit)	Standard (17bit)	High resolution (20bit)	Standard (17bit)	High resolution (20bit)	Standard (17bit)	High resolution (20bit)
Model	Standard	DD-T18CS	DD-T18CP	DD-LT18CS	DD-LT18CP	DD-H18CS	DD-H18CP	DD-LH18CS	DD-LH18CP
	Cleanroom	DDCR-T18CS	DDCR-T18CP	DDCR-LT18CS	DDCR-LT18CP	DDCR-H18CS	DDCR-H18CP	DDCR-LH18CS	DDCR-LH18CP
External view									
Rated torque (N•m)		8.4				25			
max. instantaneous torque(N•m)		25.2				75			
Rated speed(deg/s)		1,080				800			
Max. speed(deg/s)		1,800				1,440			
Motor wattage (W)		200				600			
Size (mm)		180×180				180×180			
Height (mm)		53		63		125			
Hollow bore(mm)		φ20.5		φ47		φ20.5		φ47	
Weight (kg)		5.6		5.8		13.2		12.8	
Cleanroom type		Class 10 (0.1μm)							
Encoder type		Index absolute/Multi-rotation absolute							
Applicable controller		XSEL SCON-CA	SCON-CA	XSEL SCON-CA	SCON-CA	XSEL SCON-CA	SCON-CA	XSEL SCON-CA	SCON-CA

Model Description

*Please contact IAI for new model selection.

