

## BRUSHLESS Accessories

### 24Vdc power-off holding brake



**24 VDC POWER SUPPLY  
(-10%, +6%)**

**STATIC USE : MOTOR LOCKING IN  
THE STOPPED POSITION**

**DYNAMIC USE :  
FOR EMERGENCY STOPPING ONLY**

**DYNAMIC TORQUE IS  
APPROXIMATELY HALF THE  
HOLDING TORQUE**

**THE NUMBER OF SWITCHING  
OPERATIONS IS LIMITED**

### Cables and connectors



#### 24Vdc power-off holding brake

Motor	Holding torque		Power (W)	Inertia (kgm <sup>2</sup> .10 <sup>-5</sup> )	Weight (kg)
	at 20°C (N.m)	at 100°C (N.m)			
NX1	0.4	-	6	0.1	0.065
NX2	1.2	-	8	0.7	0.17
NX3	2	1.8	11	0.7	0.18
NX4	5.5	4	12	1.8	0.3
NX6	12	10	18	5.4	0.46
NX8	36	32	26	55.6	3.5
LX4	6	5.5	13	5.3	0.45
LX8	30	28.5	21	46	1.6
HX4	6	5.5	13	5.3	0.45
HX8	30	28.5	21	46	1.6
HXA 30	150	130	95	1250	20.5
HXA 40, 50 and 60	350	310	95	1250	20.5
LS8	15	14	18	41.5	1.3
LS910	25	23.5	18	39	1.3
LS920	30	28.5	21	46	1.6
HS8	15	14	18	41.5	1.3
HS910	25	23.5	18	39	1.3
HS920	30	28.5	21	46	1.6

#### Servo motor connectors and cables - DIGIVEX

##### COMPLETE PVC SCREENED CABLE SETS WITH CONNECTORS

Power cable with Molex connector for NX1, NX2	220169R12xx
Power cable with motor plug for NX3, NX4 and NX6 and I<20Å	220171R42xx
Power cable with motor plug for NX6 and NX8 and I<32Å	220171R43xx
Resolver cable with Molex connector and Sub-D for NX1, NX2	220169R21xx
Resolver cable with motor plug and Sub-D for NX3, NX4, NX6 and NX8	220171R61xx

##### COMPLETE POLYURETHANE CABLE SETS WITH CONNECTORS

Power cable with Molex connector for NX1, NX2	220154R12xx
Power cable with motor plug for NX1, NX2 and I<8Å	220154R32xx
Power cable with motor plug for NX2, NX3, NX4, NX6 and I<4Å	220049R49xx
Power cable with motor plug for NX3, NX4, NX6 / LS8, HS8 and I<8Å	220049R42xx
Power cable with motor plug for NX4, NX6, NX8 / LS8, HS8 and I<32Å	220049R43xx
Power cable with motor plug for LS9, HS9 / LX8, HX8 and I<32Å	220049R48xx
Power cable with motor plug for L.. / H.. and I<60Å	220049R45xx
Power cable with motor plug for L.. / H.. and I<80Å	220049R46xx
Power cable with motor plug for L.. / H.. and I<100Å	220049R47xx
Resolver cable with Molex connector and Sub-D for NX1, NX2	220154R21xx
Resolver cable with motor plug and Sub-D for NX / LX, HX / LS, HS	220049R61xx

##### POLYURETHANE LOOSE CABLE (NO CONNECTORS)\*

Power cable 1mm <sup>2</sup> for NX1, NX2 and I<8Å	6537P0023
Power cable 0.5mm <sup>2</sup> and I<4Å	6537P0019
Power cable 1mm <sup>2</sup> and I<8Å	6537P0009
Power cable 2.5mm <sup>2</sup> and I<32Å	6537P0010
Power cable 6mm <sup>2</sup> and I<60Å	6537P0011
Power cable 10mm <sup>2</sup> and I<80Å	6537P0012
Power cable 16mm <sup>2</sup> and I<100Å	6537P0013
Power cable 25mm <sup>2</sup> and I<180Å	6537P0014
Resolver cable for NX / LX, HX / LS, HS	6537P0001

##### LOOSE CONNECTORS

Molex plug kit (power and resolver) for NX1, NX2	220004R1000
Frame size 1 power plug for NX3, NX4, NX6 / LS8, HS8 and I<8Å	220065R1610
Frame size 1 power plug for NX4, NX6, NX8 / LS8, HS8 and I<32Å	220065R1611
Frame size 3 power plug for LS9, HS9 / LX8, HX8 and I<32Å	220065R3611
Frame size 3 power plug for L.. et H.. and I<100Å	220065R3610
Resolver plug	220065R4621

xx cable length in meter ; standard xx = 01, 02, 05, 10 meters  
\* cable per meter