

GX FS... Series

30 VDC High Speed • CE • XS-40D Controller 

0,1 to 1,8 NM

- Excellent Ergonomy (smart and small sized)
- BLDC motor (maintenance free)
- High speed from 680 - 1550 rpm (4 models)
- Motor efficiency 85%
- Low Noise, Low Heat level
- Over Heat, Over Load, Over Voltage protection circuit with LED display
- ESD free with conductive plastic body (less than 10000 hms)
- Noise level : <70 dBA, vibration level : <2,5 m/s²



Model	Torque Range (Nm)	Speed Rotation (rpm)	Starting system	Drive	Weight (Kg)	Code
GX60 FS ESD	0,1 - 0,60	1550	Lever	Hex 1/4"	0,44	4-1055960
GX80 FS ESD	0,2 - 0,80	1250	Lever	Hex 1/4"	0,44	4-1055962
GX120 FS ESD	0,3 - 1,20	1000	Lever	Hex 1/4"	0,44	4-1055964
GX180 FS ESD	0,4 - 1,80	700	Lever	Hex 1/4"	0,44	4-1055966
GX60FSP ESD	0,1 - 0,60	1550	Push to start	Hex 1/4"	0,44	4-1055961
GX80FSP ESD	0,2 - 0,80	1250	Push to start	Hex 1/4"	0,44	4-1055963
GX120FSP ESD	0,3 - 1,20	1000	Push to start	Hex 1/4"	0,44	4-1055965
GX180FSP ESD	0,4 - 1,80	700	Push to start	Hex 1/4"	0,44	4-1055967

* The whole models of this series are delivered with one tool cable (3m) + sample powerbits.
Suitable controller : XS-40D - To be ordered separately - See page 17

GX...BT Series

35 Volts • High Torque/Speed with Built-in speed and soft start selector • CE • XS-35D Controller 

1 to 9,8 NM

- Built Electronics with Embedded Speed and soft start settings
- BLDC motor (maintenance free)
- Low Noise, Low Heat, less Energy consumption
- Over Heat, Over Load, Over Voltage protection circuit with LED display
- ESD free through bit socket grounded
- Noise level : <70 dBA, vibration level : <2,5 m/s²



Model	Torque Range (Nm)	Speed Rotation (rpm)	Starting system	Drive	Weight (Kg)	Code
GX35 BT ESD-G	1 - 3,4	700 to 1500	Lever	Hex 1/4"	0,92	4-1078005
GX50 BT ESD-G	2 - 4,9	600 to 1050	Lever	Hex 1/4"	0,92	4-1078006
GX100 BT ESD-G	4 - 9,8	150 to 550	Lever	Hex 1/4"	0,92	4-1078007

* The whole models of this series are delivered with one tool cable (3m) + sample powerbits.
Suitable controller : XS-35D - See page 18



Accessories

For GX/GX-G/GX-H Series

Screw vacuum pick up



For GX/GXA	For SD/SDA	Vacuum system
GX30 Volts V2 with torque ring access 4-1084103 GX30 Volts V2 without torque ring access 4-1084104 GX150/220 ESD-G40 Volts 4-1084100 GX450 ESD-G40 Volts 4-1084101 GXA ESD-G40 Volts 4-1084102 GXA ESD-G30 Volts 4-1000039 GX Micro 4-1052501 GX 150/220-H 4-1027496 GX 450-H 4-1027497 GXA-H 4-1027498 Vacuum pick up are delivered without the sleeve gun (on request).	SD18N/28N + SDA600/1000/18N/28N 4-1052502 SDA120/200/300 4-1052503 SD05N/09N + SDA05N/09N4- 1052504 SD600/1500 4-1052505 SD1000 4-1052506 SD120/200/300 4-1052507	Vacuum pump DLP2570 4-3004101 

Accessories

			
Designation	Torque ring cover*		Square 1/4"
Code	4-1041213 GX 30 Volts 4-1041205 GX 40 Volts 4-1078800 GX-G 40 Volts 4-1027495 GX-H 40 Volts 4-1090021 GX035-045 4-1000233 GX...BT, GY, PGY, GX...BT-G, GY-G, PGY-G 4-1077500 for GX...FS	Spiral cable 3,5 m 4-1010413 Standard cable 3,0 m 4-1041225 Standard cable 5,0 m 4-1044703 Reinforced cable 3,0 m 4-1090010	Angle head kit for GX30 Volts 4-1000226 (except Micro GX) Angle head kit for GX150/220 ESD-G 40 Volts 4-1000302 Angle head kit for GX450 ESD-G 40 Volts 4-1000229 Angle head kit for GX40 Volts 4-1090020 Angle head kit for GX150/220-H 4-1000018 Angle head kit for GX450-H 4-1000088 E 6,3 Hex. female 1/4" drive (quick release) Angle head kit for GY-G 4-1033300 Angle head kit for GX_BT 4-1033301 C 6,3 Hex. female 1/4" drive Angle head kit for GX30 Volts 4-1000247 (except Micro GX) Angle head kit for GX40 Volts 4-1000249 Angle head kit for GX150/220 ESD-G 40 Volts 4-1000254 Angle head kit for GX450 ESD-G 40 Volts 4-1000255 Angle head kit for GX150/220-H 4-1000041 Angle head kit for GX450-H 4-1000113 Mounting of Angle head 4-1000257
Designation	Programming Lock key**	Programming Lock key firmware upgrade**	
Code	4-1044850	4-1000222	

*Not suitable with vacuum pickup.

** Available only for standard series GX 30 & 40 Volts - To be ordered together.

Model	Designation	Code
		
		
		
	For mounting on reaction arm from the top	4-1045804 for GX 30 Volts* 4-1045801 for GX/GX-G/GX-H 40 Volts 4-1045803 for GX...BT 4-1045800 for GY/HD 35 Volts 4-1045802 for HD 40 Volts 4-1045805 for GX...FS
	For mounting on reaction arm from below	4-1041501 for GX 30 Volts*

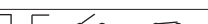
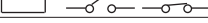
PLC Interface

* Except GX Micro


PLC interface U-3B
Code 4-1041520

- Model U-3B
- Weight : 75g
- Size : 75(W) x 61(D) x 20(H)mm
- Type of signals :
 - open collector by optocoupler (reversed)
 - relay contact N.C
 - Relay contact N.O

Converted signals by U-3B converter from XS-40D

N°	Wire Color	Signal	XS-40D	Interface converter
1	ORANGE	Spare		
2	ORANGE STRIPE	Torque Up		
3	BLUE	Motor Run		
4	BLUE STRIPE	Common for 2&3 wire		
5	GREEN	Driver Lock		
6	GREEN STRIPE			
7	BROWN	No use		
8	BROWN STRIPE	Spare		



Controllers

- High productivity : Thanks to the unique SMPS technology (switching modulation), the connected screwdriver always delivers constant rotation speed and fastening force even for demanding fastening process (self-tapping tightening, soft joint....).
- Comfort : Light and compact.
- Durability : Built-in Over heat and Over Current protection prevent the screwdriver from damage or bad use.
- Economy : Maintenance free.
- Quality : Easy monitoring of your fastenings thanks to torque reached signal output, start and stop signal outputs, selectable softstart, Screwdriver lock signal input for PLC (prevents screwdrivers activation until PLC input signal).



Model	Power (AC) V	Output voltage	Rated output	Weight (Kg)	Size (mm)	For Screwdrivers	Code
XS-35D	220	35	4	1,2	130x188x65	GX... BT, GX... BT-G series	4-1077420

XT-35D Advanced controller features

- Password protection
- Forward and Reverse Speed selectable
- Soft start for Forward and Reverse mode (from 30 to 200 Ms)
- Programmable angle
- Multi hit function for soft joint (from 1 to 10 shut off clutch)
- Multi sequence programm (as GXT model)
- Various Display Settings
- I/O interface
- RJ input for Scout II poka yoke Controller, Posi Control



Model	Power (AC) V	Output voltage	Rated output	Weight (Kg)	Size (mm)	For Screwdrivers	Code
XT-35D	230	35	4	2,4	95x221x143	GY..., GY-G series PGY..., PGY-G series	4-1077421