

Technical information - Torques for enclosures assembly

Model	Screw area	Bit size	Recommended torque
Alubos	Lid screw connection	TX 10	110 Ncm
		max. possible turns:	300 U/min.
Alubos	Wall brackets screw connection	TX 10	110 Ncm
		max. possible turns:	300 U/min.
Alubos	Handle screw connection	PH 2	110 Ncm
		max. possible turns:	300 U/min.
Alubos	Adapter (parallel)	PH 1	110 Ncm
		max. possible turns:	300 U/min.
Alumas	Enclosure screw connection	PH 1	100 Ncm
Aluplan 100	Enclosure screw connection AP 100	TX 25	180 Ncm
Aluplan 100	Front panel assembly	PH 2	120 Ncm
Aluplan 50	Enclosure screw connection AP 50	TX 20	180 Ncm
Aluplan 50	Set-up foot	PH 2	120 Ncm
Aluplan 50	Handle assembly	PH 2	120 Ncm
Aluplan 50	Wall brackets screw connection	PH 2	120 Ncm
AluRail	Enclosure screw connection	PH 1	60 Ncm
AluRail	Module bridge	PH 1	60 Ncm
AluRail	Snap-on element	PH 1	60 Ncm
AluStyle 1850	Enclosure screw connection	TX 10	150 Ncm
AluStyle 830-1230	Enclosure screw connection	TX 10	150 Ncm
AluTopline	Enclosure screw connection	PH1	60 Ncm
Arteb	ART 115 enclosure screw connection	PH 1	40 Ncm
Arteb	from ART 655 enclosure screw connection	PH 1	60 Ncm
Bocard 160 / 200 / 250	Enclosure screw connection	PH 1	80 Ncm
Bocard 160 / 200 / 250	Terminal compartment lid	PH 1	45 Ncm
Bocard 160 / 200 / 250	Wall mounting fastening angle	PH 1	80 Ncm
Bocard 160 / 200 / 250	Wall brackets	PH 1	80 Ncm
Bocard 160 / 200 / 250	TSH 35-2	PH 1	70 Ncm
Bocard 160 / 200 / 250	Handle element	PH 1	60 Ncm
Bocard 160 / 200 / 250	Handle HS-2	TX 25	140 Ncm
Bocard 160 / 200 / 250	Front panel assembly	PH 1	60 Ncm

Technical information - Torques for enclosures assembly

Model	Screw area	Bit size	Recommended torque
Bocard 310 / 400	Terminal compartment lid	PH 1	60 Ncm
Bocard 310 / 400	Front panel assembly	PH 1	80 Ncm
Bocard 310 / 400	Wall brackets	PH 1	80 Ncm
Bocube ABS	Enclosure screw connection (B 0808 - 2617	PH 1	65 Ncm
Bocube ABS	Enclosure screw connection (B 2330 - 2736	PH 2	150 Ncm
Bocube ABS	Wall brackets	PH 2	90 Ncm
Bocube ABS	Wall brackets 2	PH 3	200 Ncm
Bocube PC-FR	Enclosure screw connection (B 0808 - 2617	PH 1	100 Ncm
Bocube PC-FR	Enclosure screw connection (B 2330 - 2736	PH 2	160 Ncm
Bocube PC-FR	Wall brackets	PH 2	100 Ncm
Bocube PC-FR	Wall brackets 2	PH 3	300 Ncm
Bocube Alu	Profil mounting	TX 20	80 Ncm
Bocube Alu	Enclosure screw connection	TX 20	150 Ncm
Bocube Alu	Wall brackets screw connection	varies	180 Ncm
Bocube Alu	Profil mounting-quick fastener	TX 20	180 Ncm
BoLink	BL 7040.. without DI	PH 1	50 Ncm
BoLink	BL 7040.. with DI	PH 1	see assembly instruct. DI
Bopad	BOP 500 - BOP 900 without DI	PH 1	70 Ncm
Bopad	BOP 500 - BOP 900 with DI	PH 1	see assembly instruct. DI
Bopad	BOP 7.0 - BOP 10.1 without DI	PH 1	70 Ncm
Bopad	BOP 7.0 - BOP 10.1 with DI	PH 1	see assembly instruct. DI
Bopad	BOP ... battery compartment	PH 1	70 Ncm
Bopult	Enclosure screw connection BP 810	PH 1	80 Ncm
Bopult	Enclosure screw connection BP 900 F	PH 1	80 Ncm
BOS	BOS 400	PH 1	60 Ncm
BOS	BOS 500	PH 1	60 Ncm
BOS	BOS 600	PH 2	80 Ncm
BOS	BOS 700	PH 1	40 Ncm
BOS	BOS 750	PH 1	60 Ncm
BOS	BOS 800	PH 1	60 Ncm
BOS	BOS 900	PH 1	40 Ncm

Technical information - Torques for enclosures assembly

Model	Screw area	Bit size	Recommended torque
BOS	BOS 910	PH 1	40 Ncm
BOS	STD 900	PH 1	80 Ncm
BOS Streamline	BS 200 enclosure screw connection	PH 1	50 Ncm
BOS Streamline	BS ... enclosure screw connection	PH 1	80 Ncm
BOS Streamline	BS ... battery compartment	PH 1	70 Ncm
BOS Streamline	BS 200 encl. screw conn. with DI-D	PH 1	30 Ncm
BOS Streamline	BS 400 encl. screw conn. with DI-D	PH 1	35 Ncm
BOS Streamline	BS 500 encl. screw conn. with DI-D	PH 1	40 Ncm
BOS Streamline	BS 600 encl. screw conn. with DI-D	PH 1	40 Ncm
BOS Streamline	BS 700 encl. screw conn. with DI-D	PH 1	50 Ncm
BOS Streamline	BS 800 encl. screw conn. with DI-D	PH 1	50 Ncm
BOS-Ecoline	Enclosure screw connection	PH 1	100 Ncm
Botego	Caps	PH 2	80 Ncm
Botego	Design elements	PH 2	60 Ncm
Botego	Handle assembly	PH 2	60 Ncm
Botego	Strain relief	PH 1	40 Ncm
Botego	Half-shell screw connection	PH 2	100 Ncm
BoTouch-Kst.	Enclosure screw connection	PH 1	80 Ncm
BoTouch-Kst.	Front panel assembly	PH 2	130 Ncm
Circum	Enclosure screw connection + WR	PH 1	80 Ncm
Circum	NG-Enclosure screw connection	PH 1	80 Ncm
CombiBac	CF on CR	PH 1	60 Ncm
CombiCard 1000-3000	Enclosure screw connection for tie bar	PH 1	100 Ncm
CombiCard 1000-3000	Screw connection for terminal compart. lid	PH 1	80 Ncm
CombiCard 1000-3000	Hinge assembly	PH 2	100 Ncm
CombiCard 1000-3000	Front panel assembly FP-AA	PH 1	100 Ncm
CombiCard 1000-3000	Front panel assembly FP-AI	PH 2	80 Ncm
CombiCard 1000-3000	Front panel assembly FA-I	PH 2	60 Ncm
CombiCard 1000-3000	Front panel assembly FA	PH 1	100 Ncm
CombiCard 1000-3000	Set-up foot assembly	PH 2	40 Ncm
CombiCard 1000-3000	Handle assembly	PH 2	80 Ncm

Technical information - Torques for enclosures assembly

Model	Screw area	Bit size	Recommended torque
CombiCard 5000-7000	Screw connection for terminal compart. lid	PH 2	100 Ncm
CombiCard 5000-7000	Handle assembly	PH 2	60 Ncm
CombiNorm-Control	Enclosure screw connection	TX 8	40 Ncm
CombiSet	Enclosure screw connection	PH 1	60 Ncm
CombiSet	Wall frame assembly	PH 2	100 Ncm
Elegant	Enclosure screw connection	PH 1	60 Ncm
Elegant	Wall brackets screw connection	PH 1	60 Ncm
Elegant	DO-assembly	PH 1	60 Ncm
Elegant-Pult	Enclosure screw connection	PH 1	60 Ncm
Element	Encl. screw connection w. threaded inserts	PH 1	40 Ncm
Element	Encl. screw connection w/o thread. inserts	PH 2	100 Ncm
Element	DO-assembly	PH 1	60 Ncm
Element	Wall brackets screw connection	see enclosure screw connection	
Elesett	Enclosure screw connection	PH 1	60 Ncm
Elesett	Connector pin-nuts	SW 5,5	60 Ncm
Eletec	Enclosure screw connection ESO/ESU	PH 1	100 Ncm
Eletec	Connector pin-nuts	SW 5,5	60 Ncm
Eletec	Enclosure screw connection SE	PH 1	40 Ncm
Euomas Aluminium	Enclosure screw connection	varies	180 Ncm
Euomas Aluminium	Wall brackets screw connection	varies	120 Ncm
Euomas II	Enclosure screw connection	PH 2	100 Ncm
Euomas II	Wall brackets screw connection	PH 2	80 Ncm
Euomas PC/ABS	Enclosure screw connection M4	PH 2	120 Ncm
Euomas PC/ABS	Enclosure screw connection M6	PH 2	180 Ncm
Euomas PC/ABS	Wall brackets screw connection	SL1mm	80 Ncm
Euomas Polyester	Enclosure screw connection	varies	120 Ncm
Euomas Polyester	Wall brackets screw connection	varies	120 Ncm
Euomas Polymas	Enclosure screw connection	PH 2	120 Ncm
Filotec	Enclosure screw connection	TX 10	90 Ncm
Futura/Portas	Enclosure screw connection T 888/T 889	PH 2	100 Ncm
Futura/Portas	Enclosure screw connection T 898	PH 1	60 Ncm

Technical information - Torques for enclosures assembly

Model	Screw area	Bit size	Recommended torque
Futura/Portas	Enclosure screw connection T 899	PH 1	60 Ncm
Futura/Portas	Enclosure screw connection T 890/T 893	PH 1	60 Ncm
Futura/Portas	Enclosure screw connection T 895 P	PH 2	60 Ncm
Futura/Portas	Enclosure screw connection T 900	PH 2	60 Ncm
Intercard	Terminal compartment lid screw connector	PH 2	100 Ncm
Intertego	Front profile / Side profile mounting	PH 2	150 Ncm
Intertego	Die-cast corner mounting	TX 10	150 Ncm
RCP	Enclosure screw connection CF	PH 1	80 Ncm
RCP	Terminal compartment lid screw connector	PH 2	100 Ncm
Sinfonie	Enclosure screw connection	PH 1	40 Ncm
Tastomat	Enclosure screw connection	PH 2	140 Ncm
Ultramas	Enclosure screw connection	PH 1	100 Ncm
Ultramas	Connecting strap	PH 2	100 Ncm
Ultrapult	Enclosure screw connection	PH 1	100 Ncm
Ultrapult	Wall brackets screw connection	PH 2	60 Ncm
Unimas	Enclosure screw connection	PH 1/PZ 1	70 Ncm
Uninorm	FP-assembly	PH 1	30 Ncm
Uninorm	RD-assembly	PH 1	30 Ncm
Uninorm	NK for enclosure screw connection	SL0.8mm	30 Ncm
Accessories	BE- . MN-IP-	PH 1	70 Ncm
Accessories	Universal screw-on lanyard loop OE-	PH 1	50 Ncm
Accessories	TSH 35	PH 1	50 Ncm
Accessories	TSH 35-2	PH 1	50 Ncm
Accessories	VESA-WB	PH 2	80 Ncm

All technical information is offered in good faith and without warranty.

It is accurate to the best of our knowledge but is intended for use as a guide only.

It does not release the user from the obligation to test the suitability of the information in respect of the intended processes and purposes.