

I N T R O D U C I N G

SIL3/PLe Brake System

SOBO® iQ/S Intelligent
Soft Braking Option

**Advanced braking system technology
provides enhanced safety performance
required to meet demanding safety
regulations on applications**

SPECIAL FEATURES

The system consists of a special version of the SOBO® iQ control software running within a Safety PLC with a hardwired Safe I/O module. The SIL3/PLe brake system includes:

- Control interface to the customer
- Diagnostic bus interface (MODBUS TCP) for status monitoring
- Safe I/O module
- Specially-designed hydraulic power unit (HPU)
- Control of one or more safety brakes by a single HPU

SPECIFICATIONS

The controller features all the necessary capabilities to conform with the functional safety standards, including dual position/speed encoders, redundant pressure transmitters, direct valve position feedback and indirect failure detection algorithms.

These features allow for constant “always on” soft braking performance. The system can also be used as a part of the safety loop (e.g. triggered by an emergency button). The special HPU is designed to apply the brakes under any circumstances, which allows the load to be stopped safely under any conditions.



Svendborg Brakes GLOBAL REPRESENTATIONS

DENMARK	sb@svendborg-brakes.com	+45 63 255 255	AUSTRALIA	sales@altramotion.com.au	+61 (0) 8 94 160300
GERMANY	sb@svendborg-brakes.com	+49 5422 9272 000	KOREA	jong.lee@svendborg-brakes.com	+82 10 9703 0979
CHINA	sb@svendborg-brakes.com	+86 21 60580600	SOUTH AFRICA	sbsales@sintech.co.za	+27 83 382 2479
USA	na@svendborg-brakes.com	+1 (303) 285 1271	CHILE	sa@svendborg-brakes.com	+56 23 203 9150
BRAZIL	altra.vendas@altramotion.com	+55 11 4615 6300	SPAIN	sb@svendborg-brakes.com	+34 (975) 2336 55
INDIA	milind.sule@altramotion.com	+91 83909 97970	CZECH REP.	jan.mikyska@svendborg-brakes.com	+420 2 51 68 01 68
POLAND	biuro@vitech.pl	+48 605 765 904	PERÚ	pe@svendborg-brakes.com	+51 959 224488

www.svendborg-brakes.com

Jernbanevej 9
DK-5882 Vejstrup, Denmark
+45 63 255 255
sb@svendborg-brakes.com