

Liebig Superplus BLS-P M16-25/150/40 ZP

SORMAT CODE 9655250040



Simply the best heavy duty self-undercutting anchor in the world

- Automatically self-undercutting, unique heavy duty anchor for pre-set installations.
- Simplest, quickest and safest solution on the market.
- Economical: No special drill bits, undercut tools or setting tools.
- Minimal expansion forces allow for small spacings and edge distances.
- ZP for dry indoor and temporary outdoor use.

PRODUCT OVERVIEW

Other codes	/
Material	Steel, zinc plated
Packages	box (bag): 5 / outer carton: 20 / pallet: 1120
Weight	637.0 kg / 1000

APPLICATIONS

- Elevators
- Power plants (e.g. Nuclear)
- Safety and crash barriers
- Heavy hydraulic pipe support
- Façade elements on slim base material
- Tunnel ventilation
- Cranes and crane runways
- Steel structures
- Machines
- Base plates

BASE MATERIALS

APPROVED FOR

- Cracked concrete
- Non-cracked concrete

APPROVALS / CERTIFICATES



ETA-01/0011 + DoPs



Fire resistance (ETA-01/0011)



0809-CPR-19006295

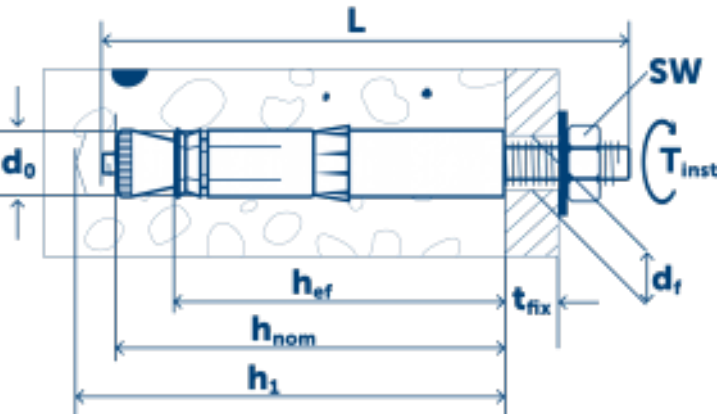


Seismic resistance (ETA-01/0011)

Technical data

INSTALLATION DETAILS

Size	M16
Length (L)	240
Width across flats (SW)	24
Max. fixture thickness (T _{fix})	40



INSTALLATION DETAILS

Hole in fixture (D_f)	18
Drill hole diameter (d_0) $\varnothing$	25
Minimum drill hole depth	185
Drill hole depth (h_1)	185
Nominal setting depth (H_{nom})	168
Effective setting depth (H_{ef})	150
Installation torque (T_{inst})	180

Performance data

Base material	Load type	Embedment depth (h_{nom})	Load direction	Load value
All				
Non-cracked concrete C20/25	N_{Rec}	168 mm		44.1 kN
Non-cracked concrete C20/25	V_{Rec}	168 mm		35.9 kN
Cracked concrete C20/25	N_{Rec}	168 mm		23.8 kN
Cracked concrete C20/25	V_{Rk}	168 mm		35.9 kN

Installation

