



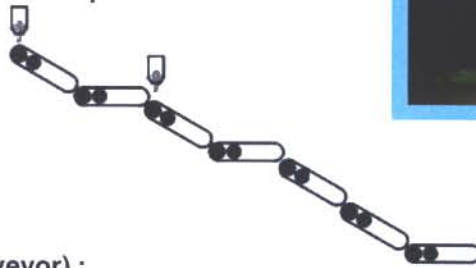
SIME-Stromag

Another good reference

SIME-Stromag brakes equip 4 downhill conveyors in Korea...

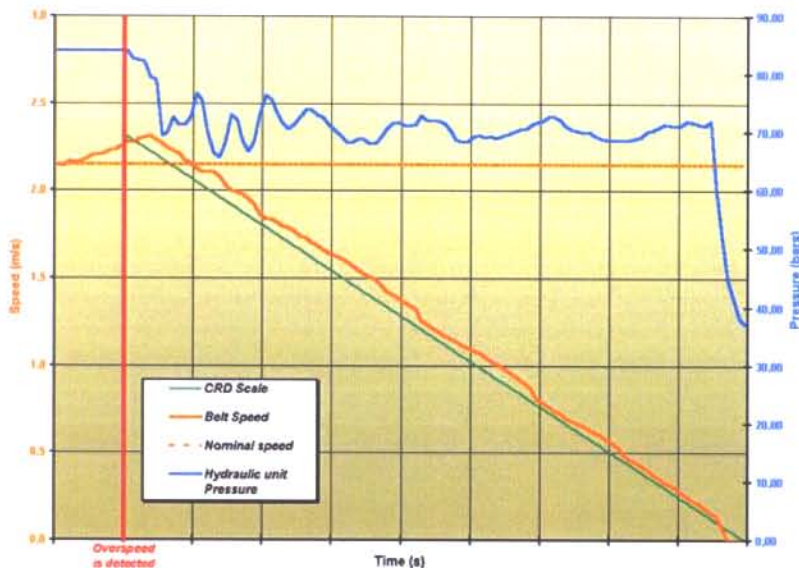
Conveyors:

Added length (downhill): 2.2 km
 Added drop: -257 m
 Motor powers: 150 .. 300 kW - 1780 rpm
 Material: cement clinker
 Rate: 2100 tph
 Belt speed: 2.15 m/s
 Braking time: 7 .. 15s.



Braking equipment (per conveyor) :

2 x proportional 3TY5 calipers (total torque: 2,200 .. 4,400 Nm)
 2 x on/off 645 calipers.
 Disc: diam. 630 mm / thick. 30 mm / speed 1780 rpm.



On site measurement confirm design and components quality



AFR5 enclosure monitors deceleration
 Braking system is at turn-key solution

SIME-Stromag

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