

HINDI 880 SPRINT is an oil-hydraulic actuator particularly recommended for swinging gates up to 2,3 meters, each gate leaf. It is very simple to install by means of two plates and bolts to be fixed to the gate and gate post respectively, allowing the opening and closing of the gates. Anti-crush safety is ensured by the pressure valves, which can be very finely adjusted to the gate weight; very precisely machined, they can maintain the correct setting with time.

It is very secure, in that the valves are protected by a cover preventing any unauthorized action.

The oil used in this kind of actuator, and contained in the oil reservoir, is special to ensure the correct functioning of the unit both in high and low temperatures ranging between -25 °C up to +80 °C.

HINDI 880 SPRINT is entirely made of die-cast aluminium and steel for those parts that undergo the most severe mechanical stress. In the cases of power failure, it is possible to operate the gates by hand after having overridden the the system by a special spanner.

Three versions available: non locking, locking in closed gate position and double locking. Locking is provided by the hydraulic design.

With non locking actuators an electric lock is recommended with the gate opening first.

HINDI 880 SPRINT, connected to an electronic control board, extremely reliable, can be operated by a custom-encoded remote control, a custom-made key-switch or a digital keypad. It can be also connected to safety accessories such as mechanical cable-operated edges and photocells.

TECHNICAL SPECIFICATIONS

OIL-HYDRAULIC OPERATOR AND HYDRAULIC PUMP

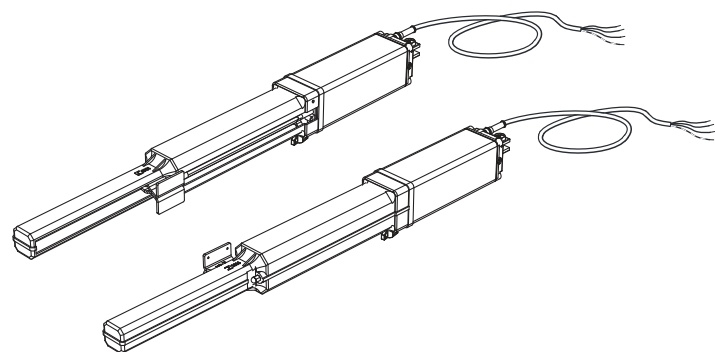
P5 - Hydraulic pump capacity	1,4 l/min
Working pressure	10 atm (max 35 atm)
Opening/closing Linear Speed	~16 mm/s
Opening Thrust Power	0 ÷ 5.100 N
Closing Thrust Power	0 ÷ 6.200 N
Oil type	Oil Fadini - Item 708L
Piston stroke	235 mm
Piston diameter	45 mm
Shaft diameter	16 mm
Working temperature	-25 °C +80 °C (*)
Weight complete with accessories	9,5 kg
Max. gate weight per leaf	400 kg
Max. gate width per leaf	2,3 m
Protection standards	IP 67
Overall dimensions (length x width. x height.)	980x86x86 mm

(*) -40 °C with specific optional accessories (Ref. General Catalogue).

NOTE: It is always recommended to install an electric lock with gate leaves wider than 2,0 m.

ELECTRIC MOTORS

Power output	0,18 kW (0,25 HP)
Supply voltage	230 Vac
Frequency	50 Hz
Absorbed current	1,2 A
Absorbed power	250 W
Capacitor	12,5 µF
Motor rotation speed	1.350 rpm
Intermittent service	S3



PERFORMANCE

Frequency of use	intensive
Service cycle	16 s opening - 60 s dwell - 18 s closing - 60 s dwell
Complete cycle time	154 s
Complete opening - dwell - closing - dwell cycles	No. 23/hour
Annual cycles (with 8 hours of use per day)	No. 67.160