

HYDRO

INDUSTRIAL USE

up to 8.0 m (max. 1,000 kg)

AUTOMATIONS FOR SWINGING GATES

- Thrust 10'000 N: the best in the market
- Replaceable power supply cable
- By-pass valves made of brass
- Front and rear joint
- Reinforced anchoring brackets

New adjustable hydraulic slowdown in closing:

garantees max thrust during slowdown operation, simplified thanks to the absence of the spring and the sphere

Not adjustable slowdown in opening:

no adjustment needed, garantees max thrust during slowdown operation

Extended tank:

it contains the electric motor and the cylinder of the piston both in oil bath. The large oil volume together with the new electric motor allows a more intensive use

Electric motor Ø 80 mm:

increased torque and duty cycle for a more intensive use

Reversible distributor «without valves»:

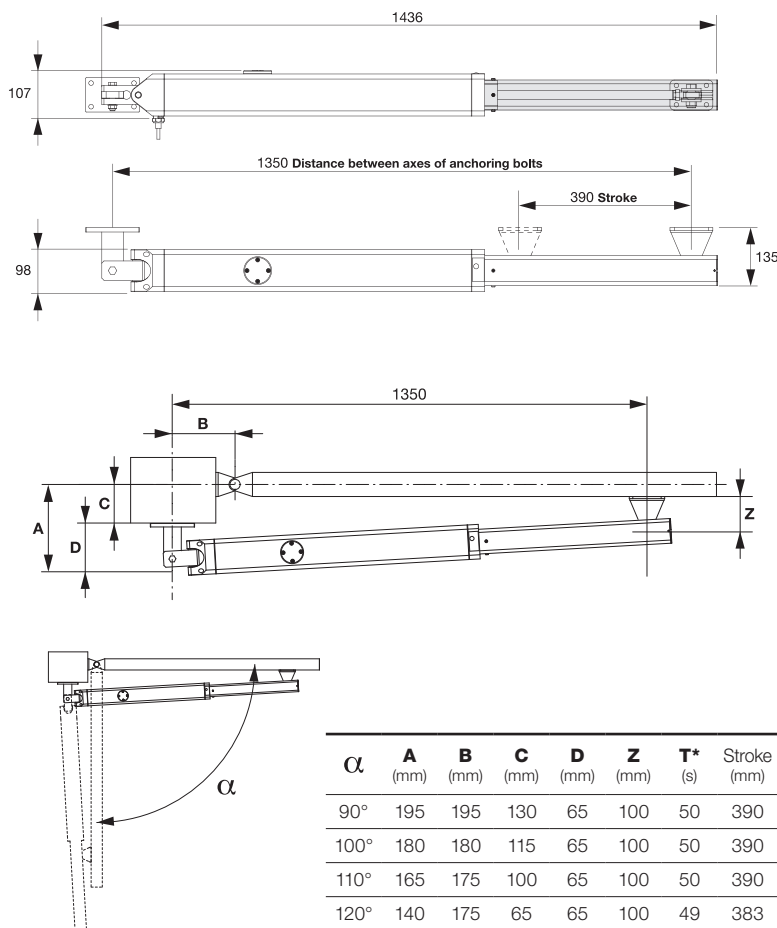
many valves and seals have been removed, so less maintenance required and less defectiveness

Header, distributor and caseback made of anodized aluminium by tooling machine:

no blowholes and leakage of oil or pressure, high resistance against aging and corrosion

HD.80

Slow reversible hydraulic operator, for gates up to 8.0 m, rear and front joint, with hydraulic slow-down function.



*Indicative opening time, excluded slowdown

TECHNICAL DATA

Max Leaf Length	8.0 m
Max Leaf Weight	1,000 kg
Thrust max	10,000 N
Max oil pressure	50 bar
Opening time	50 s
Piston diameter	50 mm
Ram shaft diameter	22 mm
Front joint diameter	M14
Oil volume (Bio Oil)	3.0 l
Operation cycle	very intensive
Capacitor	10 μ F
Available versions	only reversible
Stroke	390 mm
Block	electric lock needed
Distributor	“without valves”
Closing slowdown	new hydraulic adjustable
Opening slowdown	fixed, not adjustable
Power supply cable	replaceable
Spiral wound sheath	may be fitted with
IP index	IP55
Operating temperature	-20°C ÷ +50°C