

# IDRO

## HYDRAULIC OPERATOR FOR SWING GATES



- The compact IDRO series of hydraulic actuators is specially designed for swing gates of condominiums.
- The IDRO is specially suited to **heavy-duty applications**, particularly those requiring constant opening and closing operations, and therefore high-resistant hydraulic pistons
- The force exerted by IDRO during operation can be adjusted by means of special valves.
- The dimensioning of both internal and external mechanical components has been designed to endure years of heavy-duty work.
- IDRODUE 27 SUPER is endowed with slow speed in the last 2cm of the spindle stroke

### FOR SWING GATES WITH EACH LEAF UP TO 2,5 m LONG AND WEIGHING UP TO 250 kg

AA10882	IDRO C 27/R	0,78L Reversible	(working stroke 270 mm)
AA10884	IDRO C 27/1B*	0,78L with block in close position	(working stroke 270 mm)
AA10883	IDRO C 27/2B*	0,78L with block in open and close position	(working stroke 270 mm)



**NEW**

AD00756 KIT IDRO C 27/1B

### FOR SWING GATES WITH EACH LEAF UP TO 3 m LONG AND WEIGHING UP TO 400 kg

AA10843	IDRODUE 27/R	1L Reversible	(working stroke 270 mm)
AA10844	IDRODUE 27/1B*	1L with block in close position	(working stroke 270 mm)



### FOR SWING GATES WITH EACH LEAF UP TO 6 m LONG AND WEIGHING UP TO 700 kg

AA10809	IDRODUE 27 Super/R	0,75L Reversible with <b>slow speed in approach</b>	(working stroke 270 mm)
AA10804	IDRODUE 27 Super/1B**	0,75L w/block in close position w/ <b>low speed in approach</b>	(working stroke 270 mm)
AA10847	IDRODUE 27 Super/2B**	0,75L with 2 blocks, with <b>low speed in approach</b>	(working stroke 270 mm)



### FOR SWING GATES WITH EACH LEAF UP TO 7 m LONG AND WEIGHING UP TO 1000 kg

AA10871	IDRO 39/R	0,75L Reversible	(working stroke 390 mm)
AA10876	IDRO 39/1B**	0,75L with block in close position	(working stroke 390 mm)
AA10859	IDRO 39/2B**	0,75L with block in open and close position	(working stroke 390 mm)



\* In case the leaf is longer than 1,6 metres, an electric lock must be fitted to ensure efficient closing.

\*\* In case the leaf is longer than 1,8 metres, an electric lock must be fitted to ensure efficient closing.

GAR0037 Warranty extension 4 years for IDRO

GAR0038 Warranty extension 7 years for IDRO

# ACCESSORIES FOR IDRO

**NEW**



**ABB2050 B2-CRX**  
pc board (for 1 or 2 IDRO)  
with thrust regulator and radio  
receiver 433MHz. With box IP55.  
See pages 135 and 145



**ACG8660 HORIZONTAL LOCK**  
12Vac



**ACG8670 HORIZONTAL LOCK**  
12Vac



**ACG8650 VERTICAL LOCK**  
12Vac



**ACG5000 MECHANICAL BOLT**  
for 2-leaf gates to latch closed  
gate to the ground



**IDRO 39 90x90x1040**



**IDRODUE 27 96x96x1050**



**IDRO C 27 90x97,5x1060**



Dimensions in mm

TECHNICAL DATA		IDRO C 27/R	IDRO C 27/1B-2B	IDRODUE 27/R	IDRODUE 27/1B	IDRODUE 27S/R	IDRODUE 27S/1B	IDRO 39/R	IDRO 39/1B-2B
Max. leaf length	m	2	2*	3	3*	6	6*	7	7*
Max. leaf weight	kg	250		400		700		1000	
Max. stroke	mm			270				390	
Average opening time	s	17		16		40		50	
Max thrust force	N	2000		2500		6400			
Power supply	V			230					
Power absorbed	A	1,14		0,9		1,1			
Actuator weight	kg	8		8,2		10,5			
Protection grade	IP			55					
Operating temperature	°C	-20 ÷ +70				-20 ÷ +55			
Daily cycles suggested		200		300		500		800	
Service	%	60		80		60		90	
Nr of consecutive cycles guar.		50		100		200		800	



## KIT IDRO

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