

It's possible to find the most appropriate opening mechanism and handle operator for the required system, referring to the following charts.

**OPENING MECHANISM SELECTION**

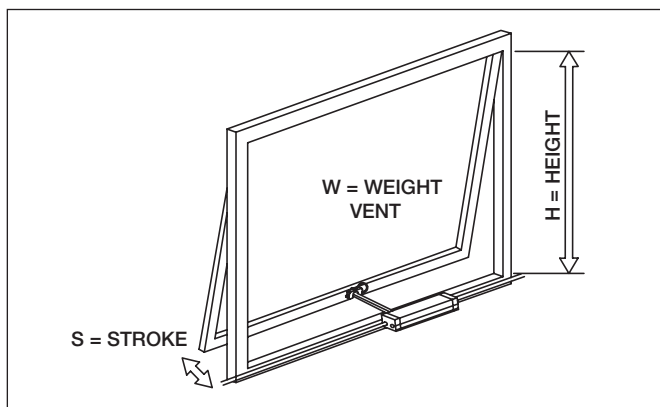
WINDOW TYPE	ADVISED MECHANISM	
	 Chain mechanism	 Cat
	 Chain mechanism	 Cat
	 Chain mechanism	 Locking opener

WINDOW TYPE	ADVISED MECHANISM	
	 Telescopic spindle	 Cat
	 Fork	
	 Fork	

**CONTROL OPERATOR SELECTION**

Following charts refer to accurate installation, executed with our tools, with only one 90° bend of the conduit and with no rotary junction box included; the wind load has not been considered. Every additional bend or rotary junction box has to be counted as an additional window. For intermediate window heights refer to the directly lower height; in case of window lower than 750 mm it is necessary to reduce the actuator stroke to 1/3 of the window height. For windows with four-bar hinges the calculation of the necessary force depends on the hinge model. Please contact our Technical Dpt. for any specific application.

**THESE SELECTION GUIDES HAVE TO BE CONSIDERED AS A GENERAL DIRECTION AND MUST BE CHECKED BY THE INSTALLER. FOR ANY SPECIFIC APPLICATION, PLEASE CONTACT OUR TECHNICAL DEPT.**



S = Stroke 250 mm

H WINDOWS	No.	WEIGHT OF THE WINDOW (Kg)									
		10	15	20	25	30	35	40	45	50	60
750 - 1150	1	■	■	■	■	■	■	■	■	■	■
	2	■	■	■	■	■	■	■	■	■	■
	3	■	■	■	■	■	■	■	■	■	■
	4	■	■	■	■	■	■	■	■	■	■
	5	■	■	■	■	■	■	■	■	■	■
	6	■	■	■	■	■	■	■	■	■	■
	7	■	■	■	■	■	■	■	■	■	■
1151 - 1400	1	■	■	■	■	■	■	■	■	■	■
	2	■	■	■	■	■	■	■	■	■	■
	3	■	■	■	■	■	■	■	■	■	■
	4	■	■	■	■	■	■	■	■	■	■
	5	■	■	■	■	■	■	■	■	■	■
	6	■	■	■	■	■	■	■	■	■	■
	7	■	■	■	■	■	■	■	■	■	■
1401 - 1600	1	■	■	■	■	■	■	■	■	■	■
	2	■	■	■	■	■	■	■	■	■	■
	3	■	■	■	■	■	■	■	■	■	■
	4	■	■	■	■	■	■	■	■	■	■
	5	■	■	■	■	■	■	■	■	■	■
	6	■	■	■	■	■	■	■	■	■	■
	7	■	■	■	■	■	■	■	■	■	■

S = Stroke 380 mm

H WINDOWS	No.	WEIGHT OF THE WINDOW (Kg)									
		10	15	20	25	30	35	40	45	50	60
1150 - 1400	1	■	■	■	■	■	■	■	■	■	■
	2	■	■	■	■	■	■	■	■	■	■
	3	■	■	■	■	■	■	■	■	■	■
	4	■	■	■	■	■	■	■	■	■	■
	5	■	■	■	■	■	■	■	■	■	■
	6	■	■	■	■	■	■	■	■	■	■
	7	■	■	■	■	■	■	■	■	■	■
1401 - 1600	1	■	■	■	■	■	■	■	■	■	■
	2	■	■	■	■	■	■	■	■	■	■
	3	■	■	■	■	■	■	■	■	■	■
	4	■	■	■	■	■	■	■	■	■	■
	5	■	■	■	■	■	■	■	■	■	■
	6	■	■	■	■	■	■	■	■	■	■
	7	■	■	■	■	■	■	■	■	■	■

No.=No.windows+No.rotary junction boxes+No.bends (over 1)

- FLAT OPERATOR
- SIMPLE, MINI, CONCEALED OPERATOR
- GEARED OPERATOR