

RYOBI doorman™



Model DM123BF Series can be adjusted from power size 1 thru 3 ; Intended for use where doors are operated by the elderly or handicapped.

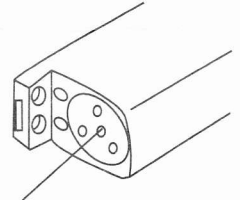
42033

DM123BF INSTALLATION INSTRUCTIONS

SELECT PROPER APPLICATION FROM ILLUSTRATIONS BELOW. THEN FOLLOW INSTALLATION INSTRUCTIONS ON GIVEN PAGE.

<p>STANDARD APPLICATION</p> <p>CLOSER MOUNTED ON HINGE SIDE OF DOOR</p> <p>USE PAGE 2</p>	<p>PARALLEL ARM APPLICATION</p> <p>CLOSER MOUNTED ON STOP SIDE OF DOOR</p> <p>USE PAGE 3</p>	<p>TOP JAMB APPLICATION</p> <p>CLOSER MOUNTED ON FRAME ON STOP SIDE OF DOOR</p> <p>USE PAGE 4</p>
---	--	---

ADJUST SPRING POWER FOR DOOR WEIGHT AND WIDTH AS INDICATED IN CHART. TO INCREASE CLOSING POWER. TURN SPRING ADJUSTING SCREW CLOCKWISE. MAXIMUM ADJUSTMENT IS APPROXIMATELY 10 TURNS.



SPRING ADJUSTING SCREW

PERIODIC MAINTENANCE

NONE REQUIRED OTHER THAN TO CHECK SECURITY OF FIXINGS ON A REGULAR BASIS.

ADJUST SPRING POWER ACCORDING TO CHART

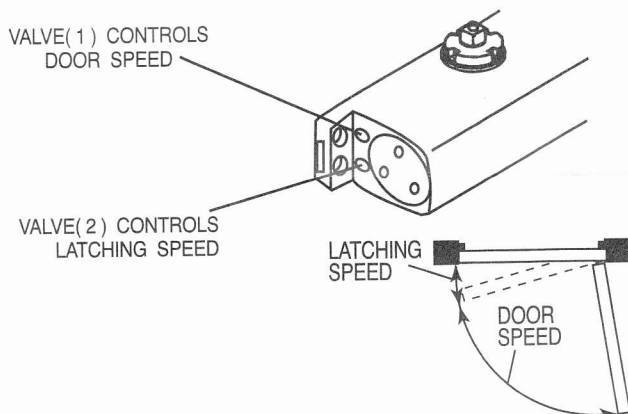
Closer Size	Max. Door width	Turns of Spring Adjusting Nut							
		Max. Door width		STANDARD APPLICATION		PARALLEL ARM APPLICATION		TOP JAMB APPLICATION	
		Interior	exterior	from preset	from Min.	from preset	from Min.	from preset	from Min.
1	60lbs (27kgs)	32" (800mm)	28" (700mm)	-4	0	-3	+1	-3	+1
☆ 2	90lbs (45kgs)	36" (900mm)	32" (800mm)	0	+4	+4	+8	+2	+6
3	150lbs (65kgs)	42" (1.050mm)	36" (900mm)	+5	+9	---	---	+6	+10

☆ FACTORY PRESET TO SIZE 2 FOR STANDARD APPLICATION.

Ryobi DM123BF closers have adjustable spring power from size 1-3 and are capable of compliance with 5lbf (Interior) and 8.5lbf (exterior) barrier free opening force restrictions.

FINAL ADJUSTMENT AND REGULATING PROCEDURES

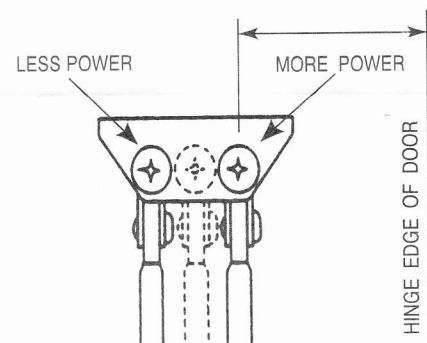
REGULATING DOOR SPEED AND LATCHING SPEED
TURN SOCKET SCREW CLOCKWISE TO SLOW DOWN-OR COUNTERCLOCKWISE TO SPEED UP DOOR MOVEMENT.



CAUTION: Take care when adjusting valves to ensure that they are not wound counterclockwise too far as this could disengage them and allow fluid to

ADJUSTING FOOT FOR ADDITIONAL CLOSING POWER

MOVE FOOT PIVOT TO HOLE AS ILLUSTRATED BELOW.



STANDARD POSITION