

RYOBI.



Surface Mounted Door Closer

RYOBI D-2580 SERIES

D-2580 SERIES

THE TECHNOLOGY BEHIND RYOBI DOOR CLOSERS

As the world's largest producer of Aluminium die-castings, the Ryobi brand name maintains an unrivalled position for its manufacturing excellence and advanced die-casting technology. The highest standards of craftsmanship and quality are recognised by internationally renowned automotive manufacturers, this same world-class standard of high precision die-casting is maintained, without compromise, throughout the Ryobi door closer range.

APPLICATION

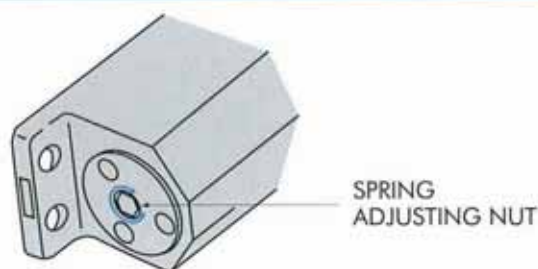
		STANDARD	PARALLEL	UNIVERSAL	TRACK-RAIL
Non Hold-Open	PLATED STEEL	D-2580SM	D-2580SMP	D-2580SM UNIV	D-2580SMT
	STAINLESS STEEL	D-2580SS	D-2580SSP	D-2580SS UNIV	D-2580SST
Hold-Open	PLATED STEEL	DS-2580SM	DS-2580SMP	-	DS-2580SMT
Sprig Strength	-	1-4 Spring Variable			1-3 Spring Variable
	TO EN1154	1-4 Spring Variable			-
Door Width/ Door Weight	External	$\leq 950\text{mm}/80\text{KG}$			$\leq 900\text{mm}/65\text{KG}$
	Internal	$\leq 1,200\text{mm}/80\text{KG}$			$\leq 1,050\text{mm}/65\text{KG}$
	TO EN1154	$\leq 1,100\text{mm}/80\text{KG}$			-

-D-2580SM door closers are with stainless steel cover and plated steel arm.

-D-2580SS door closers are with stainless steel cover and flat form stainless steel arm.

CLOSING POWER ADJUSTMENT

The closing power is adjustable from EN1 through to EN 4 according to door weight and width by adjusting the spring power. To increase the closing power, turn the spring adjusting nut (illustrated) clockwise. To decrease the closing power, turn the adjusting nut counter-clockwise.



LOWER OPENING RESISTANCE/HIGHER EFFICIENCY

Ryobi's exacting quality control and consistently high precision components ensures a higher operating efficiency of almost 70% across all power ranges. This level of optimum efficiency reduces the required door opening resistance and assists the elderly and less able to operate closer controlled doors with less effort.

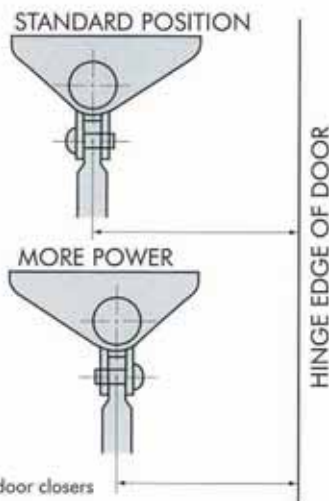
Maximum Spring Tension : Opening Force / Closing Force.



LATCHING POWER ADJUSTMENT

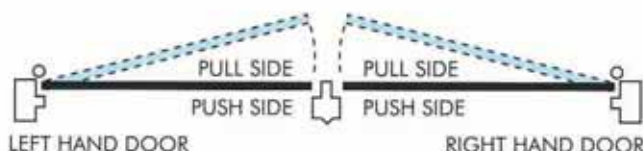
By changing the position of the frame arm on the foot bracket the closing force of the latch can be increased or decreased (See illustration). This adjustment can be achieved whilst the foot bracket is in position.

- Illustrations are for D-2580SM door closers



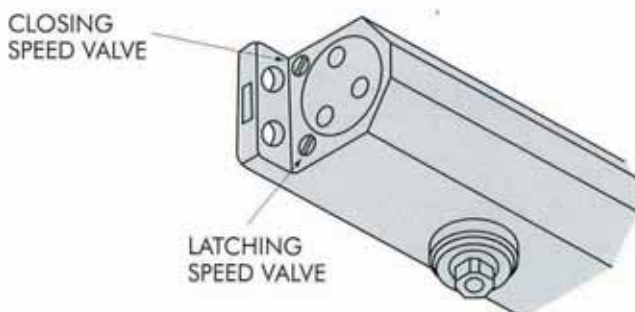
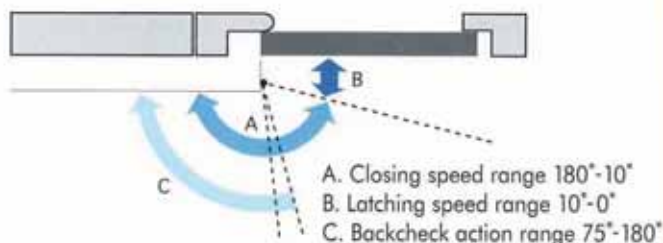
NON-HANDING

The Ryobi D-2580 Series Door Closers are designed for use on either right hand or left hand doors enabling the door to operate from the push side or pull side.



FULL HYDRAULIC CONTROL

This feature controls the door through the entire opening and closing sequence by providing an adjustable backcheck when opening and an adjustably controlled latch speed through the closing cycle.



ADJUSTABLE BACKCHECK

The backcheck feature can be set and adjusted by an independent valve. When engaged the backcheck stalls the opening of the door at around 70 degrees. Should doors be violently forced opened by the wind or pedestrian misuse, the backcheck feature reduces the possibility of injury to a passer by or of structural damage should contact be made with an adjacent wall or obstacle. In high footfall areas such as public buildings, schools and colleges, this facility protects people and property.

INDUSTRIAL STANDARDS AND CERTIFICATION

The Ryobi D-2580 Series Door Closers have been successfully, independently type tested and conform to all of the requirements of EN 1154, including EN 1634 Part 1 and other industrial standards.

COVER OPTIONS

Designed to meet a wide range of finish requirements, the Ryobi D-2580 range of cover options includes Solid Brass and Stainless Steel in hairline/polish.

STOCK REDUCTION

Since the Ryobi D-2580 Series Door Closers have an adjustable spring power ranging from EN 1 through to EN 4, they can be confidently specified for all doors up to a maximum weight of 80kg. This eliminates the need to stock a range of door closers to capable of operating doors up to this weight.

ALL SEASON FLUID

All Ryobi D-2580 Series Door Closers are supplied with all season fluid, which eliminates the necessity for any seasonal adjustment.

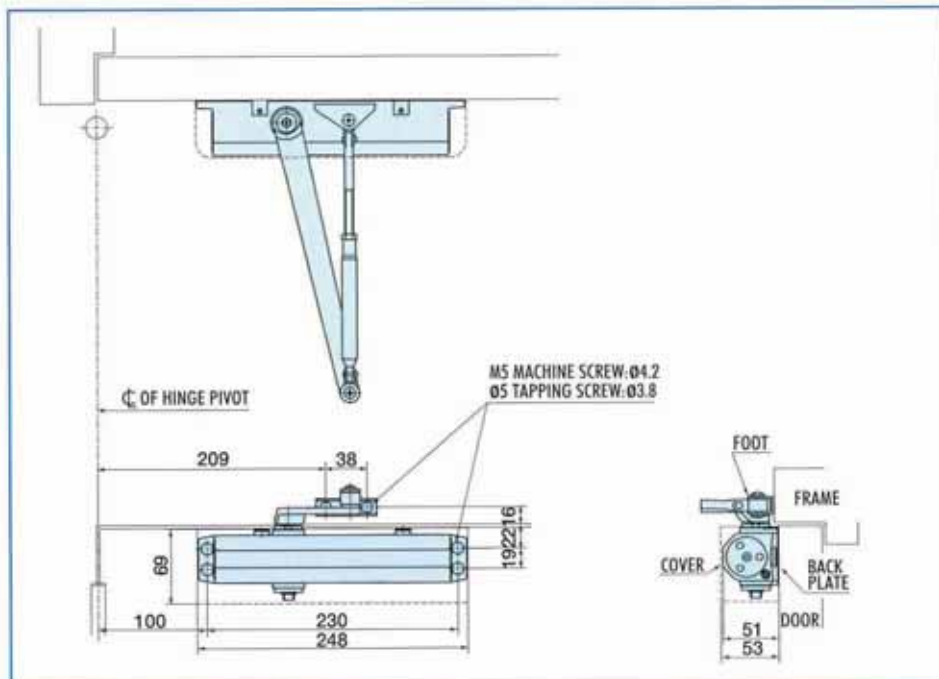
PERIODIC MAINTAINENCE

Thanks to the high precision components and quality of manufacture, the D-2580 Series Door Closers do not require any maintenance other than a regular inspection of the fixings.

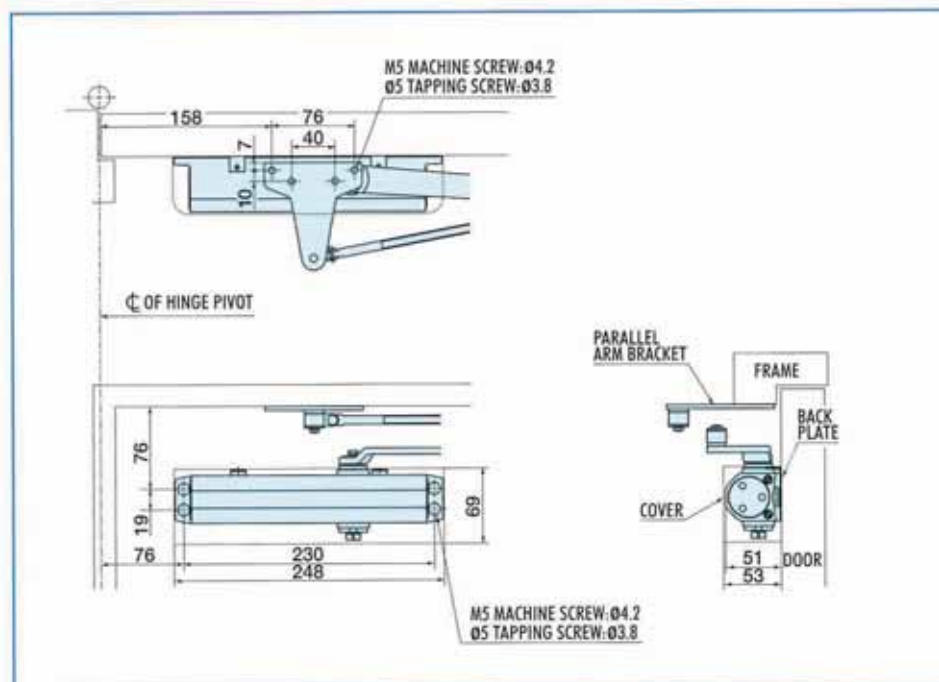
Standard	Parallel	Track-rail	Hold-open
Without hold-open	Close/Latch speed adjustment	Backcheck	Spring power adjustment
Stainless steel cover	Solid brass cover	Non-handing	Durability
UL listed	ADA satisfied	Tested and Approved to EN1154 including EN1634 part 1	

D-2580 SERIES

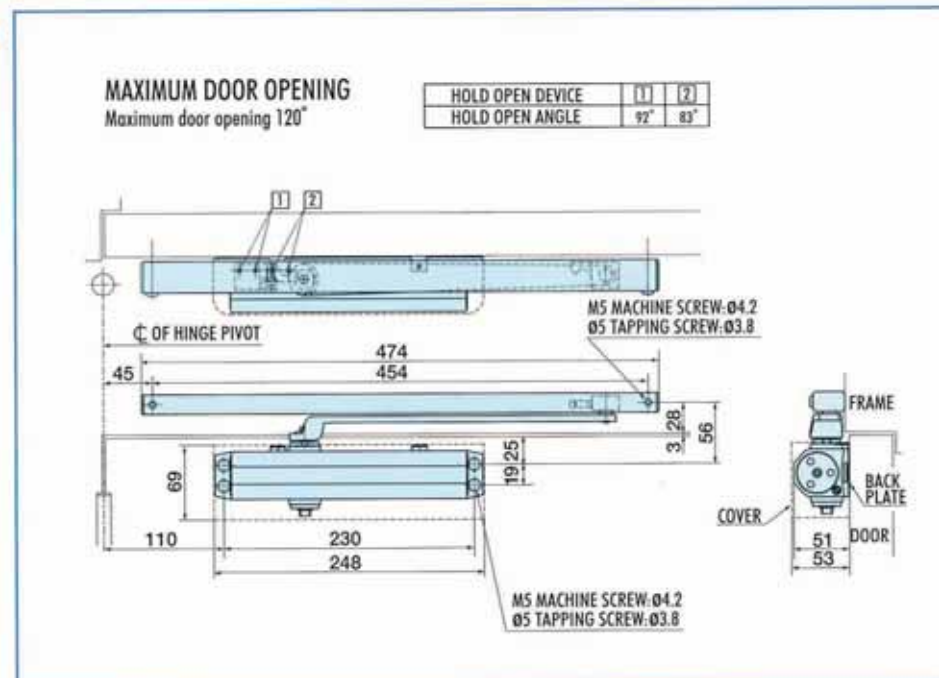
◆ Standard Application D-2580SM



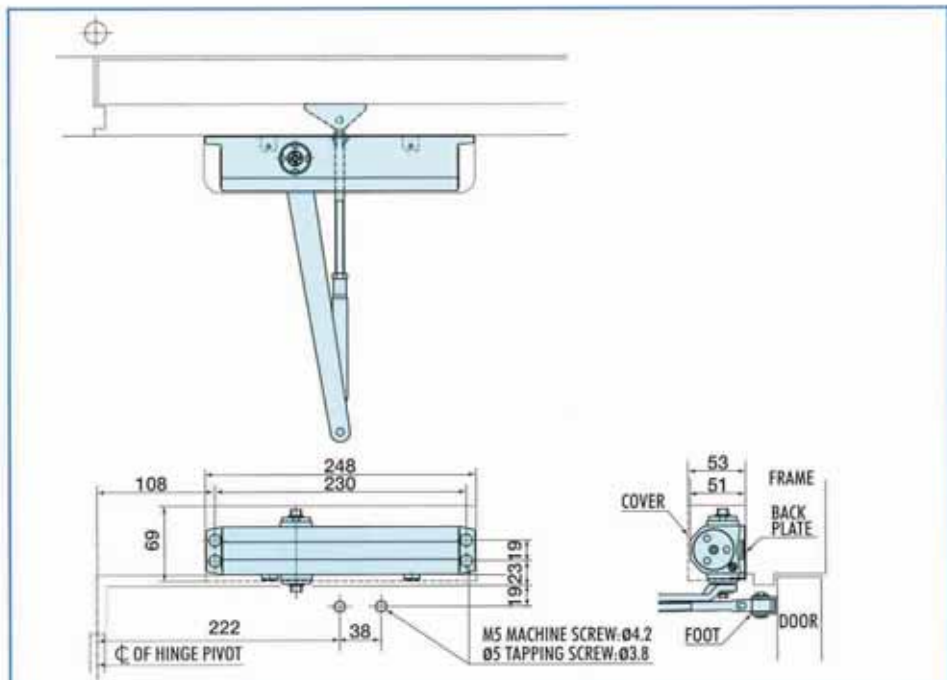
◆ Parallel Application (with Flat Parallel Bracket) D-2580SMP



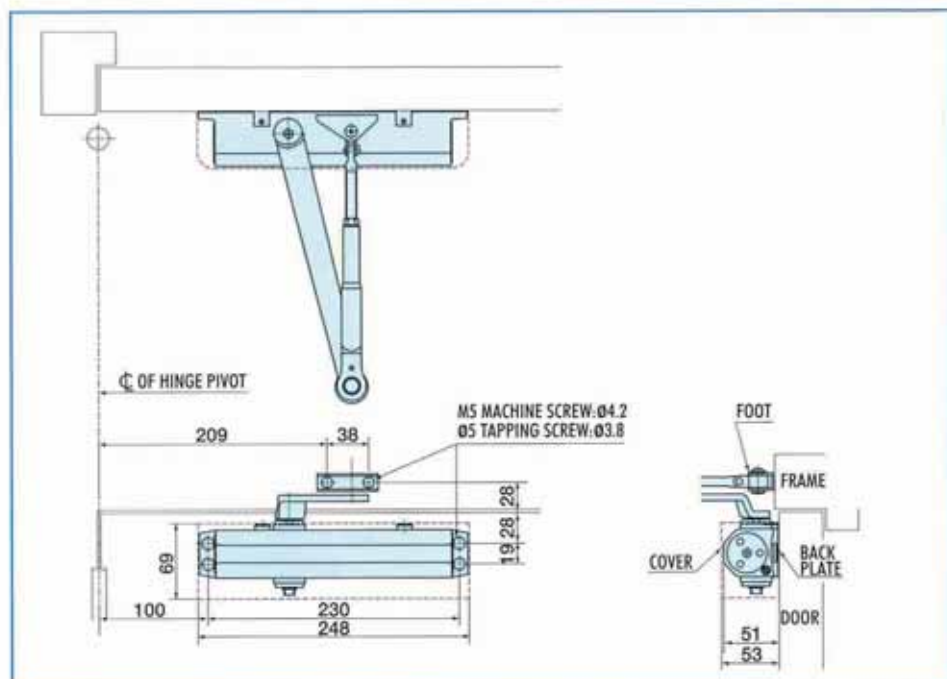
◆ Track-rail Application D-2580SMT DS-2580SMT D-2580SST DS-2580SST



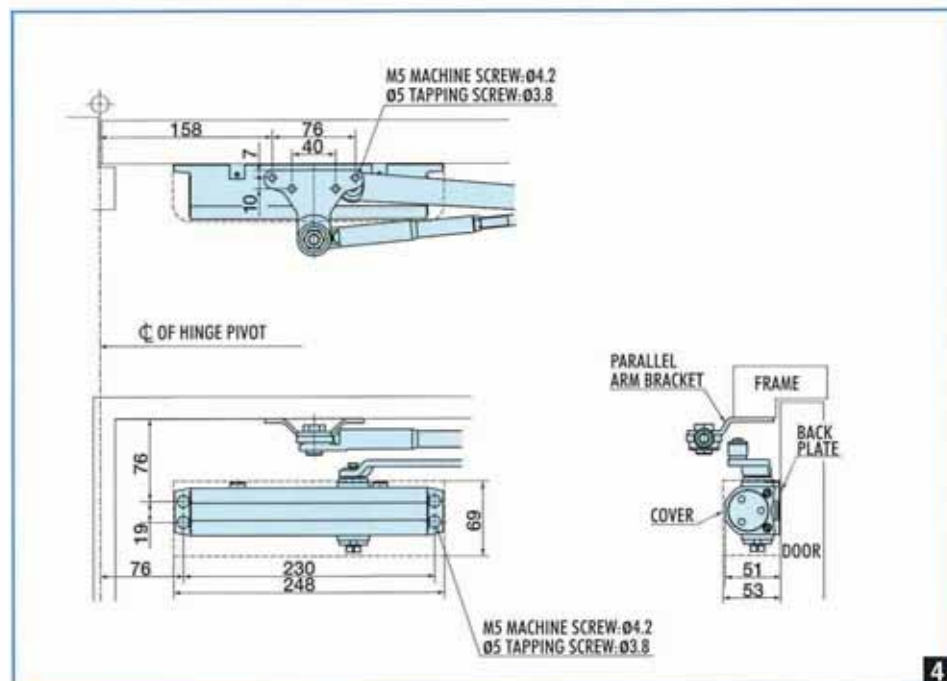
◆Top Jamb Application D-2580SM



◆Standard Hold Open Application DS-2580SM

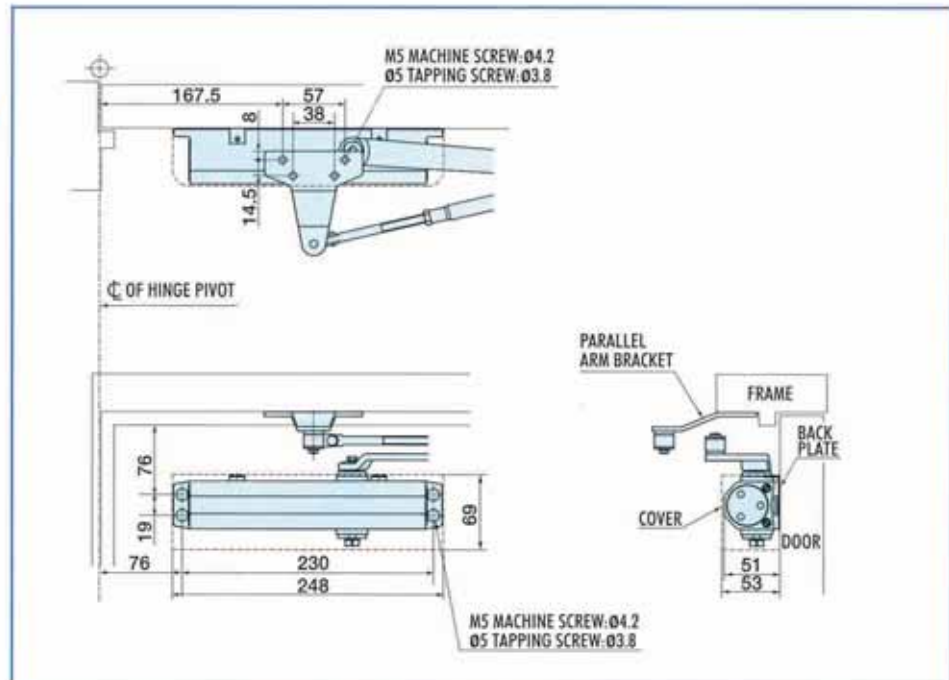


◆Parallel Hold Open Application DS-2580SMP

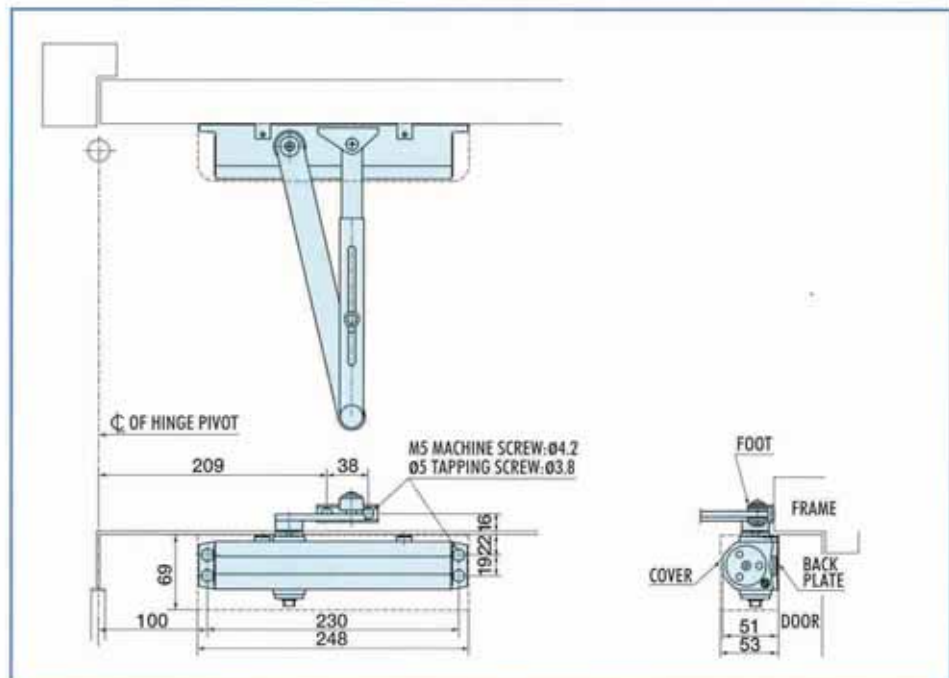


D-2580 SERIES

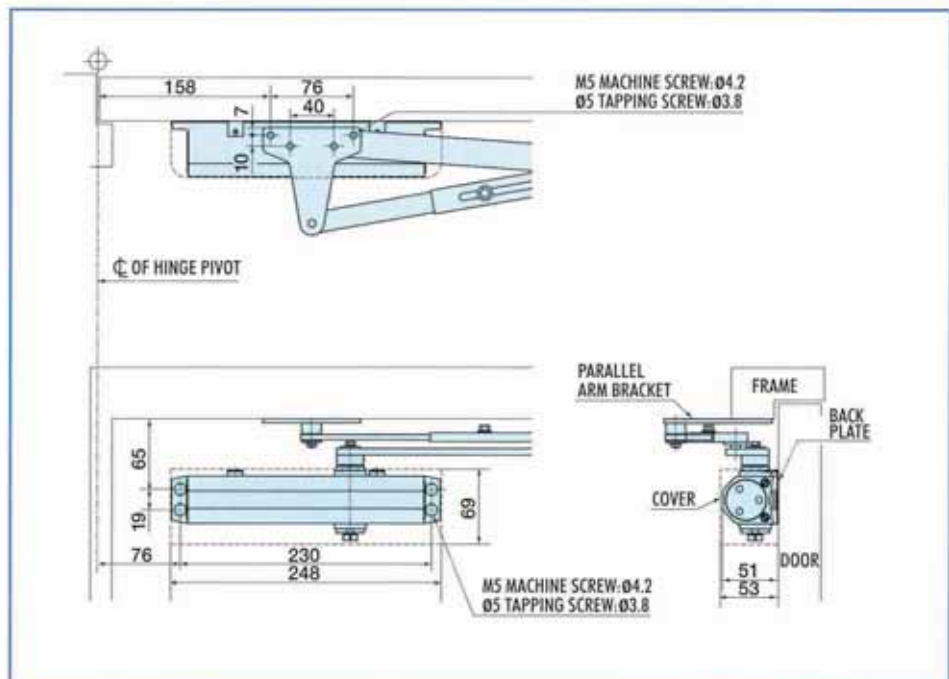
◆Optional Parallel Application (with Drop Parallel Bracket) D-2580MPD



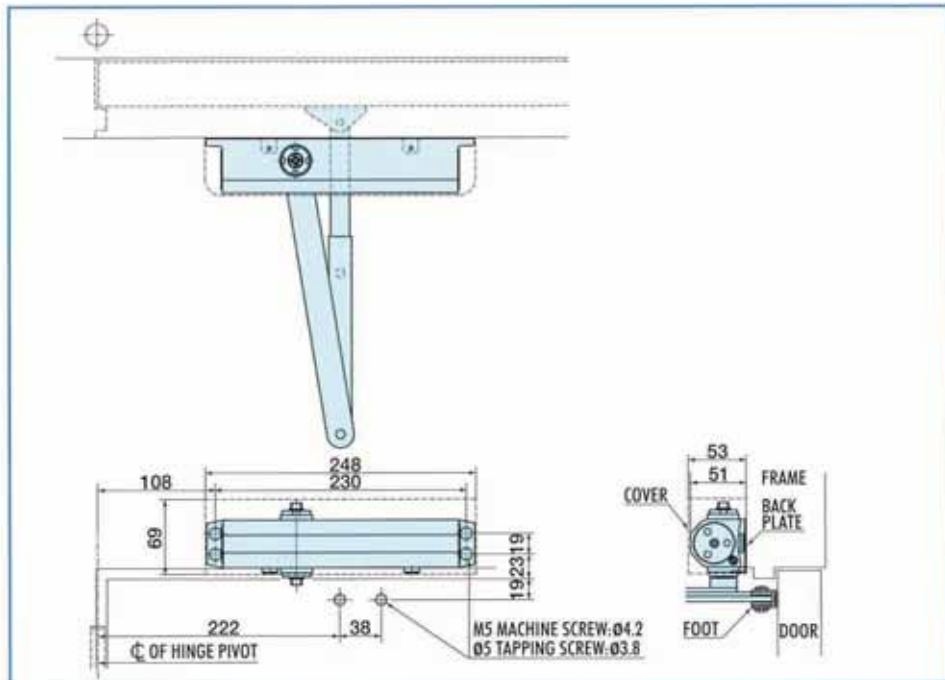
◆Standard Application D-2580SS



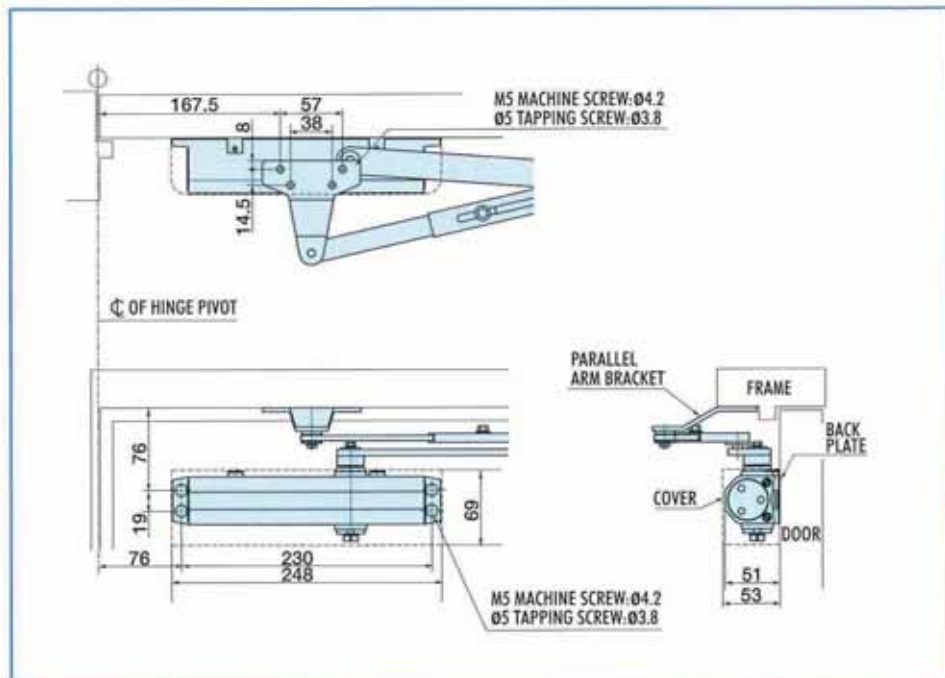
◆Parallel Application (with Flat Parallel Bracket) D-2580SSP



◆ Top Jam Application D-2580SS



◆ Optional Parallel Application (with Drop Parallel Bracket) D-2580SSPD



FLAT FORM STAINLESS STEEL ARM APPLICATION



D-2580SSP

D-2580 SERIES

◆OPTIONAL ACCESSORIES

FLAT FORM STAINLESS STEEL ARM SET 	STANDARD ARM SET 	STANDARD HOLD-OPEN ARM SET
PARALLEL HOLD-OPEN ARM SET 	TRACK-RAIL ARM SET HOLD-OPEN TRACK-RAIL ARM SET 	HOLD OPEN DEVICE FOR TRACK-RAIL
FLAT PARALLEL BRACKET (D-2580SSP) 	FLAT PARALLEL BRACKET (D-2580SMP) 	DROP PARALLEL BRACKET (D-2580SSPD)
DROP PARALLEL BRACKET (D-2580MPD) 	STAINLESS STEEL COVER SET SOLID BRASS COVER SET 	DROP PLATE

◆STANDARD COVER

Hairline Stainless Steel Cover



◆OPTIONAL COVER

Polished Stainless Steel Cover



Solid Brass Cover



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Printed in Japan NOV. 2008