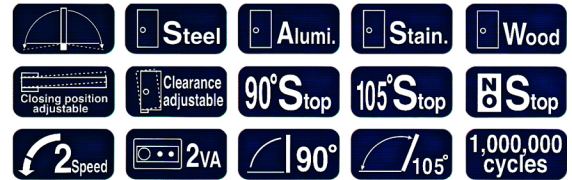
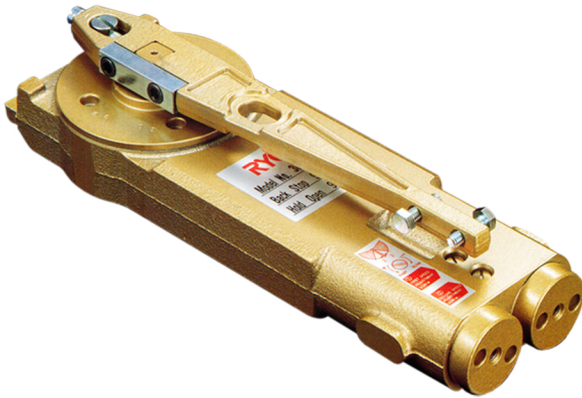


Concealed Overhead
Door Closer

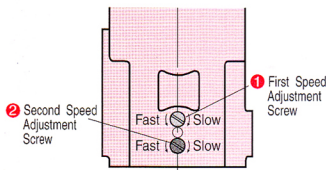
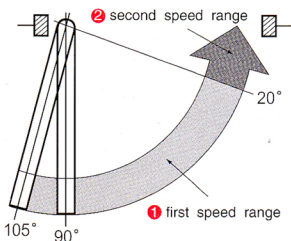
30 Series (320) RYOBI



MODELS & CHARACTERISTICS

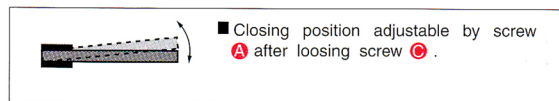
SPRING TENSION			LIGHT	MEDIUM	HEAVY
MAX. DOOR WEIGHT			70 kgs	110 kgs	170 kgs
MAX. DOOR WIDTH			INTERNAL	1,050 mm	1,250 mm
			EXTERNAL	900 mm	1,050 mm
INSTALLATION	HOLD-OPEN	MAX. OPENING	MODEL NUMBER		
SIDE LOAD	105°	105°	30 - 20S	30 - 30S	30 - 40S
		105°	30 - 21S	30 - 31S	30 - 41S
	90°	90°	30 - 22S	30 - 32S	30 - 42S
		90°	30 - 23S	30 - 33S	30 - 43S
END LOAD	105°	105°	30 - 24S	30 - 34S	30 - 44S
		105°	30 - 20K	30 - 30S	30 - 40S
	90°	105°	30 - 21K	30 - 31S	30 - 41S
		90°	90°	30 - 22K	30 - 32S
90°	90°	30 - 23K	30 - 33S	30 - 43S	
	90°	105°	30 - 24K	30 - 34S	30 - 44S

SPEED ADJUSTMENT



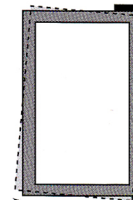
Turn adjustment screw 1 for desired first speed then turn adjustment screw 2 to produce a suitable second speed.

CLOSED POSITION ADJUSTING DOOR



Closing position adjustable by screw A after loosening screw C.

PARALLEL POSITION ADJUSTING DOOR



Clearance adjustable by screw B after loosening screw C.

Compact body size fits in 102mm x 45mm (4" x 1 3/4") transom.

Fully adjustable in door alignment, vertical positioning, heel to frame positioning via arm, arm channel and bottom pivot.

Three varying spring tensions of light, medium or heavy duty for the use with different door size and weights.

Easy and accurate speed adjustment by dual speed regulating valves.

Center pivoted, applicable to single and double action.



Each closer is supplied with either side or end loading arm and bottom pivot.

Maximum door opening (back stop) angle at 90° or 105° in each direction.

Hold open at 90, 105 or non-hold-open.

■ INSTALLATION

