



- Certifications**
- EN1154 compliant for 500,000 cycles
 - 5 Year limited warranty

- Models**
- Light duty
 - Regular duty
 - Heavy duty

See selection guide for details

- Body Material**
- Compact cast steel body, painted finish

- Mechanism**
- Hydraulic, dual spring operation

- Fluid**
- Non-gumming, non-freezing hydraulic fluid
 - Operating range of -15° to 40°C (5° to 104°F)

- Adjustments**
- Sweep speed adjustment valve
 - Latching speed adjustment valve

Cover —

- Handing**
- Non-handed

- Opening**
- 90° maximum
 - 105° maximum – available
 - Mechanical hold open – available

See selection guide for details

- Door Types**
- Suitable for wood, metal or aluminum framed doors over 1¾" (44.5 mm) thick
 - Suitable for frame-less tempered glass doors up to ½" (13 mm) thick (patch fittings sold separately)

- Mounting**
- Universal single, double acting or centre-hung applications
 - Fits 1¾ x 4" (45 x 102 mm) header sections
- Interchangeable with JACKSON™ door closers*

- Hardware**
- Machine and wood screws
 - Mounting anchors

- Arms & Pivots**
- Side loading top arm
 - End loading top arm –option
 - Offset arm and channel –available
 - 18–20 mm channel depth pivot
 - 18–57 mm channel depth pivot –option

Finish —

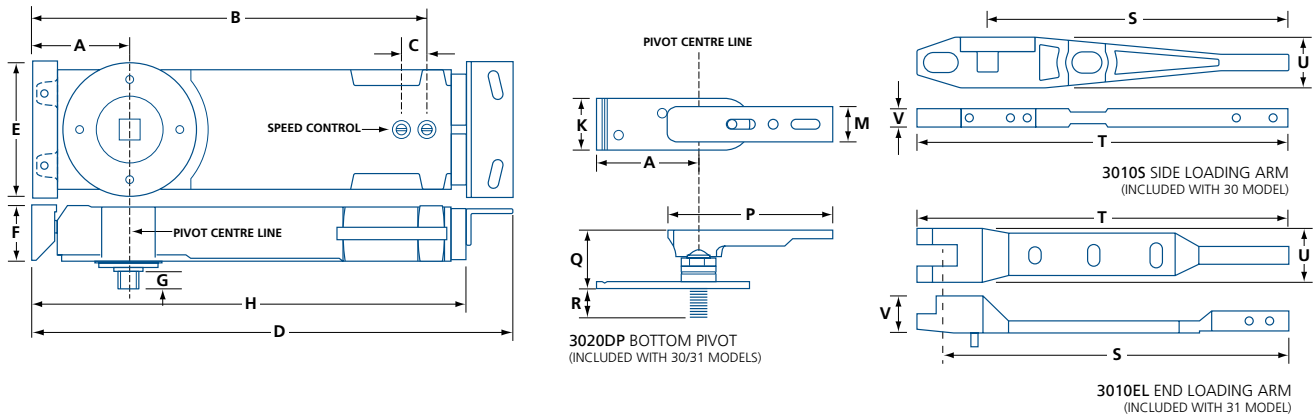
30	RD	90	HO
MODEL	DUTY	OPENING	OPTION

HO-HOLD OPEN; NHO-NO HOLD OPEN
SEE SELECTION GUIDE FOR DETAILS

SELECTION GUIDE

MODEL	DESCRIPTION	MAXIMUM OPENING	OPTION ¹	WEIGHT CAPACITY ²	MAXIMUM DOOR SIZE ³	CLOSING FORCE Nm ⁴
30LD90	Light duty, bottom pivot, and side loading arm assembly.	90°	NHO	225 (100)	30x96 (732x2438)	13–18
30LD105		105°				
30RD90	Regular duty, bottom pivot, and side loading arm assembly. Available body-only (30B*)	90°	NHO, HO	225 (100)	42x96 (1067x2438)	18–26
30RD105		105°				
31RD90	Regular duty, 17 mm spindle, bottom pivot, and end loading arm assembly. Available body-only (31B*†)	90°	NHO, HO	225 (100)	42x96 (1067x2438)	18–26
31RD105		105°				
30HD90	Heavy duty, bottom pivot, and side loading arm assembly.	90°	NHO, HO	225 (100)	48x96 (1219x2438)	26–37
30HD105		105°				
31HD105	Heavy duty, 17 mm spindle, bottom pivot, and end loading arm assembly.	105°	NHO			

(1) NHO—NO HOLD OPEN; HO—HOLD OPEN (2) MAXIMUM DOOR WEIGHT IN POUNDS (KILOGRAMS). (3) MAXIMUM DOOR SIZE W X H IN INCHES (MILLIMETRES). (4) NOMINAL VALUES PROVIDED; MAY VARY WITH INSTALLATION. (*) SPECIAL ORDER. ARM, PIVOT, ANCHORS & MOUNTING HARDWARE NOT INCLUDED. (†) RECOMMENDED FOR FRAME-LESS TEMPERED GLASS DOOR APPLICATIONS.



MODEL	A	B	C	D	E	F	G	H	K	M	P	Q	R	S	T	U	V
30	2¾ (70)	10¾ (273)	1¹⁄₁₆ (17.5)	12¾ (324)	3¹¹⁄₁₆ (94)	1½ (38)	½ (12.7)	11¾ (298)	1⅜ (35)	3¹⁄₃₂ (24)	4⁷⁄₁₆ (113)	1½–2¼ (38–57)	0–¾ (0–19)	8⅛ (206)	10 (254)	1⅜ (35)	17⁄₃₂ (13)
31							2¹⁄₃₂ (17)							8¹¹⁄₁₆ (220)	9⁷⁄₁₆ (240)		1 (25.4)

IN (MM)

PARTS & ACCESSORIES



3010S
Type “S” side loading arm assembly. Included with model 30.



3010OC
Offset arm and channel.



3010EL
Type “A” end loading arm for 1” (25.4 mm) deep web. Included with model 31.



3010DP
Bottom pivot set (125 lbs / 56.8 kg max.), 18–57 mm channel depth.



3010AMC
Anchor set. Included with 30 and 31 models.



3020DP
Bottom pivot set (125 lbs / 56.8 kg max.), 18–20 mm channel depth. Included with 30 and 31 models.

