

NOTES:

- A. OPERATION: 195° TURN OF KEY CAUSES PAWL TO ROTATE 75° THEN PULL UP 6.4.
- B. PAWL NUTS AND LOCKWASHERS SHIPPED UNASSEMBLED IN BAG WITH LATCH ASSEMBLY.
- C. INSTALLATION:
 1. INSERT LATCH INTO HOLE IN DOOR. CHECK FOR PROPER ORIENTATION AND OPERATION OF PAWL.
 2. INSTALL USING LOCKWASHER AND MOUNTING NUT (27mm ACROSS FLATS). MAX TIGHTENING TORQUE 28 Nm.
 3. INSTALL JAM NUT, LOCKWASHER, PAWL, LOCKWASHER, AND JAM NUT ON SHAFT. ADJUST JAM NUTS TO POSITION PAWL AT CORRECT GRIP (WITH LATCH CLOSED). TIGHTEN JAM NUTS (20 Nm MAX. TORQUE) USING TWO 17mm WRENCHES.
 4. CAUTION: ADJUST PAWL SO THAT NO MORE THAN 7.9 Nm TORQUE ON KEY IS REQUIRED TO CLOSE LATCH.

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WISE-ACTION™ LATCH - INTERNATIONAL SERIES
KNOB OPERATED

DATE: 06JUN98
DRAWN: PVAN
CHKD: 1:1

DRAWING NUMBER: J-E3-17

REV	DATE	DRAWN/CHKD	DESCRIPTION	ITEM	PART NUMBER	GRIP RANGE	EXTENDED GRIP RANGE	PAWL OFFSET
A	18MAY99	MDM/CAW	PRN: E3-798	LATCH ASSEMBLY	E3-X7-1X	11.4 - 27.2	66.3 - 76.2	27.4
B	04SEP2001	EPJ	PRN: P2001-0471	LATCH ASSEMBLY	E3-X7-2X	25.4 - 41.1	52.6 - 68.3	13.7
C	05MAR2003	RLR/MJS	PRN: P2003-0112	LATCH ASSEMBLY	E3-X7-3X	38.9 - 54.6	NONE	NONE
D	23DEC2004	MDY/RLR	PRN: P2004-1462					

MILLIMETERS

ALL DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.

THIRD ANGLE PROJECTION

A3 PAPER SIZE

PART NUMBER OPTIONS
E3-X7-XX

TYPE

- 1 - TYPE A (RIGHT HAND OPERATION)
- 22 - TYPE B (LEFT HAND OPERATION)

FINISH OPTIONS

- 5 - BLACK POWDER COAT
- 7 - SATIN SILVER POLYESTER POWDER COAT

COMPONENT	MATERIAL	FINISH
HOUSING	DIE CAST ZINC	SEE FINISH TABLE
KNOB	DIE CAST ZINC	SEE FINISH TABLE
RETAINER	302 STAINLESS STEEL	NATURAL
SPRING	302 STAINLESS STEEL	NATURAL
O-RING	BUNA-N	NATURAL
SLEEVE	1075 STEEL	DACROTIZED T
CAM	1075 STEEL	DACROTIZED T
SHAFT	LOW CARBON STEEL	ZINC PLATE CHROMATE, PLUS SEALER
PIN	1008 STEEL	ZINC PLATE PLUS CHROMATE DIP, YELLOW
PAWL	1010 STEEL	ZINC PLATE CHROMATE, PLUS SEALER
JAM NUTS (2)	LOW CARBON STEEL	ZINC PLATE CHROMATE, PLUS SEALER
LOCKWASHERS (2)	SPRING STEEL	ZINC PLATE CHROMATE, PLUS SEALER
MOUNTING NUT	DIE CAST ZINC	ZINC PLATE, BRIGHT CHROMATE
MOUNTING LOCKWASHER	SPRING STEEL	ZINC PLATE CHROMATE, PLUS SEALER

DOOR PREPARATION

METHOD A

METHOD B

(NOT RECOMMENDED FOR GASKETED APPLICATIONS)

