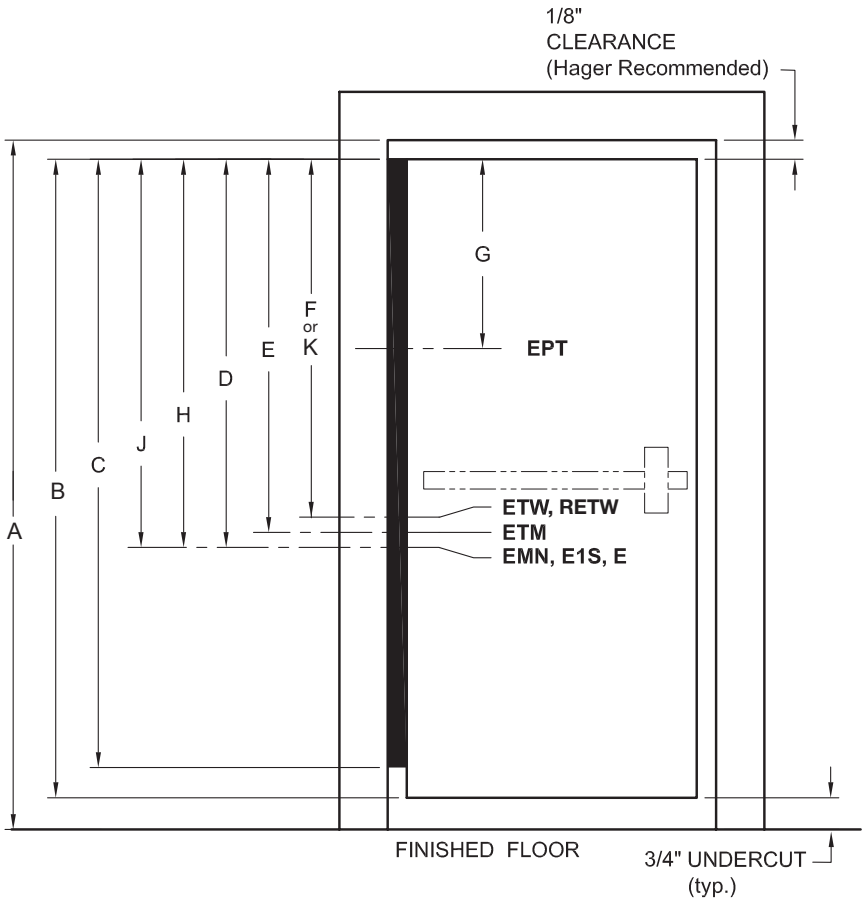
ROTON ELECTRICAL MODIFICATIONS



A = *Opening*
B = *Door height*
C = *Actual hinge length*
D = *C.L. of EMN (electric monitor)*
E = *C.L. of ETM (electric through-wires & monitor)*
F = *C.L. of ETW (electric through-wires)*
G = *C.L. of EPT (electric power transfer)*
H = *C.L. of E1S (exposed switch)*
J = *C.L. of E (exposed contact)*
K = *C.L. of RETW (removable electric through-wires)*

For ease of ordering, Hager Companies has established standard locations for power transfer cutouts. All standard location dimensions are referenced from the top edge of the door to the centerline of the power transfer cutout. Please specify handing.

NOTE: These locations are for concealed hinges only.

	Opening	Door Height	Actual Hinge Length	EMN	ETM	ETW	EPT	E1S	E	RETW
79 SD	80″	79-1/8″	79″	40-3/4"	42-3/4"	40-3/4"	34-3/8"	42-1/2″	42-1/2″	–
79 HD	80″	79-1/8″	79″	40-3/4"	43-3/8"	40-3/4"	34-3/8"	42-1/2″	42-1/2″	43-3/8"
83 SD	84″	83-1/8″	83″	45-5/16"	44-3/4"	45-5/16"	36-3/8"	46-1/2″	46-1/2″	–
83 HD	84″	83-1/8″	83″	45-5/16"	45-3/8"	45-5/16"	36-3/8"	46-1/2"	46-1/2"	45-3/8"
85 SD	86″	85-1/8″	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
85 HD	86″	85-1/8″	85″	46-5/16"	46-3/8"	46-5/16"	37-3/8"	48-1/2"	48-1/2"	46-3/8"
95 SD	96″	95-1/8″	95″	56-3/8"	55-13/16"	56-3/8"	47-1/2"	59-3/4"	59-3/4″	–
95 HD	96″	95-1/8″	95″	56-3/8"	56-1/2″	56-3/8"	47-1/2″	59-3/4″	59-3/4″	56-1/2″
119 SD	120″	119-1/8″	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
119 HD	120″	119-1/8″	119″	81-1/4″	81-5/16″	81-1/4"	72-5/16"	83-3/4"	83-3/4″	81-5/16"

SD = Standard Duty HD = Heavy Duty

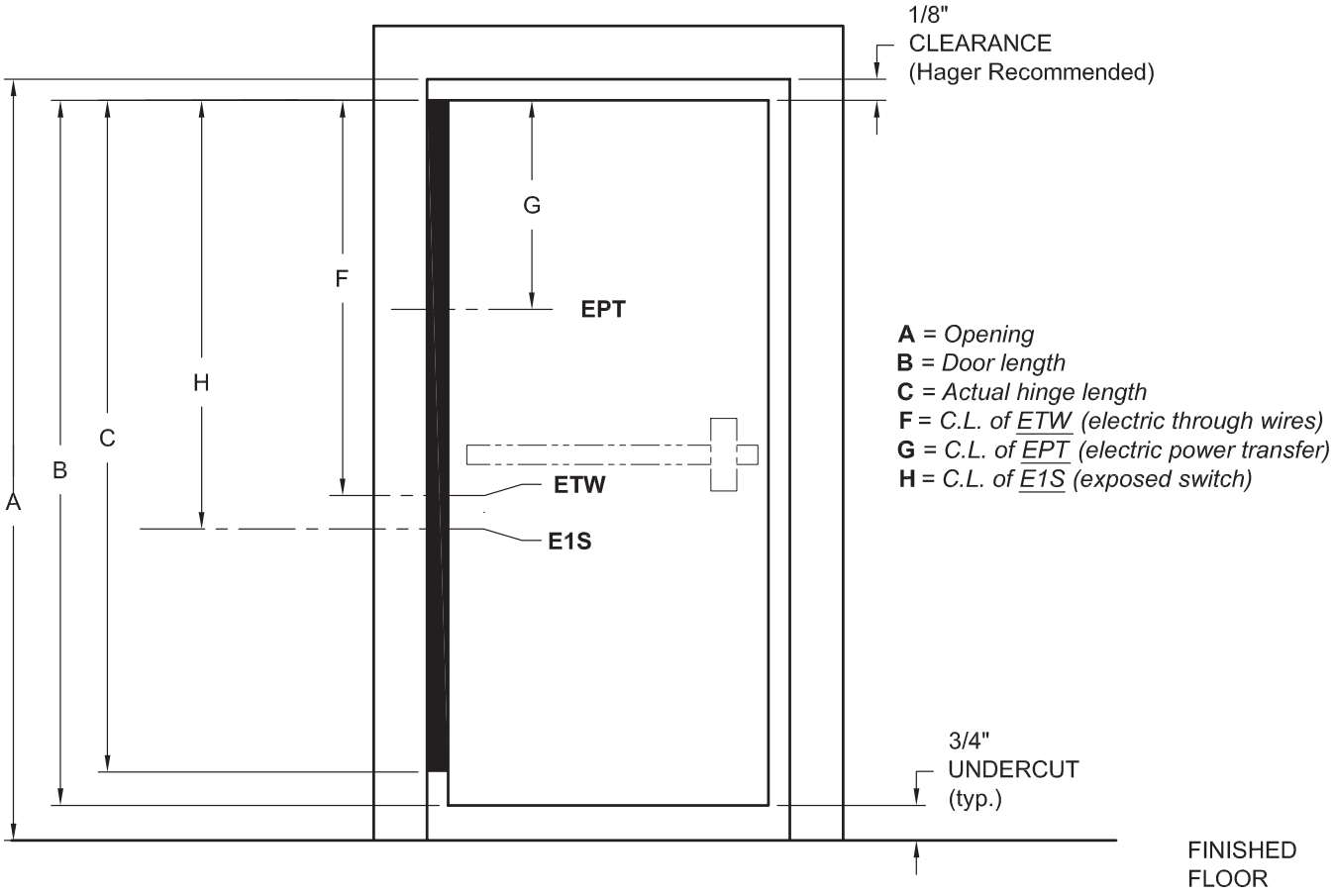
HAGER COMPANIES

ROTON ELECTRICAL MODIFICATIONS

Part Number	EPT	E	E1S	ETW	EMN	ETM	RETW
	Von Duprin EPT 2 or EPT 10 Power Transfer Preparation	Exposed Electric Contacts	Exposed Electric Switches	Concealed Electric Through-Wire	Concealed Electric Monitoring	Concealed Electric Through-Wire and Monitoring	Removable Electric Through-Wire
780-045HD	•						
780-046HD	•						
780-053	•						
780-053HD	•						
780-054HD	•						
780-110HD			•				
780-057				•			•
780-111	•	•	•	•	•	•	
780-111HD	•	•	•	•	•	•	•
780-111LL	•	•	•	•	•	•	
780-112	•	•	•	•	•	•	
780-112HD	•	•	•	•	•	•	•
780-112LL	•	•	•	•	•	•	
780-124HD	•	•	•	•	•	•	•
780-124LL	•	•	•	•	•	•	
780-157				•			•
780-224	•	•	•	•	•	•	
780-224HD	•	•	•	•	•	•	•
780-224LL	•	•	•	•	•	•	
780-226HD	•	•	•	•	•	•	•
780-226LL	•	•	•	•	•	•	
780-235HD				•			
1200-600	•			•			
1200-650	•			•			

STANDARD LOCATIONS FOR ALL STAINLESS STEEL CONTINUOUS ELECTRICAL MODIFICATIONS

	79"	83"	85"	95"	119"
Opening	80"	84"	86"	96"	120"
Door Height	79-1/8"	83-1/8"	85-1/8"	95-1/8"	119-1/8"
Hinge Length	79-3/16"	83-1/8"	85-1/8"	95"	118-3/4"
ETW	41-1/2"	43-1/2"	45-1/2"	55-3/8"	79-1/8"
EPT	24-1/2"	28-7/16"	30-7/16"	40-1/2"	64-7/16"
E1S	41-1/2"	43-1/2"	45-1/2"	55-3/8"	79-1/8"



A = *Opening*
B = *Door length*
C = *Actual hinge length*
F = *C.L. of ETW (electric through wires)*
G = *C.L. of EPT (electric power transfer)*
H = *C.L. of E1S (exposed switch)*