



$$L = (n - 1) \cdot P + 2 \cdot E \quad \dots \dots \dots \text{Eq.2.2}$$

L : Total length of rail (mm)  
 n : Number of mounting holes  
 P : Distance between any two holes (mm)  
 E : Distance from the center of the last hole to the edge (mm)

Table 2.44 Rail Standard Length and Max. Length

unit: mm

Item	EGR15	EGR20	EGR25	EGR30
Standard Length L(n)	160(3)	220(4)	220(4)	280(4)
	220(4)	280(5)	280(5)	440(6)
	280(5)	340(6)	340(6)	600(8)
	340(6)	460(8)	460(8)	760(10)
	460(8)	640(11)	640(11)	1,000(13)
	640(11)	820(14)	820(14)	1,640(21)
	820(14)	1,000(17)	1,000(17)	2,040(26)
		1,240(21)	1,240(21)	2,520(32)
		1,600(27)	1,600(27)	3,000(38)
Pitch [P]	60	60	60	80
Distance to End [E <sub>1</sub> ]	20	20	20	20
Max. Standard Length	1960(33)	4,000(67)	4,000(67)	3,960(50)
Max. Length	2000	4,000	4,000	4,000

Note : 1. Tolerance of E value for standard rail is 0.5--0.5 mm. Tolerance of E value for jointed rail is 0--0.3 mm.  
 2. Maximum standard length means the max. rail length with standard E value on both sides.  
 3. If different E value is needed, please contact HIWIN.