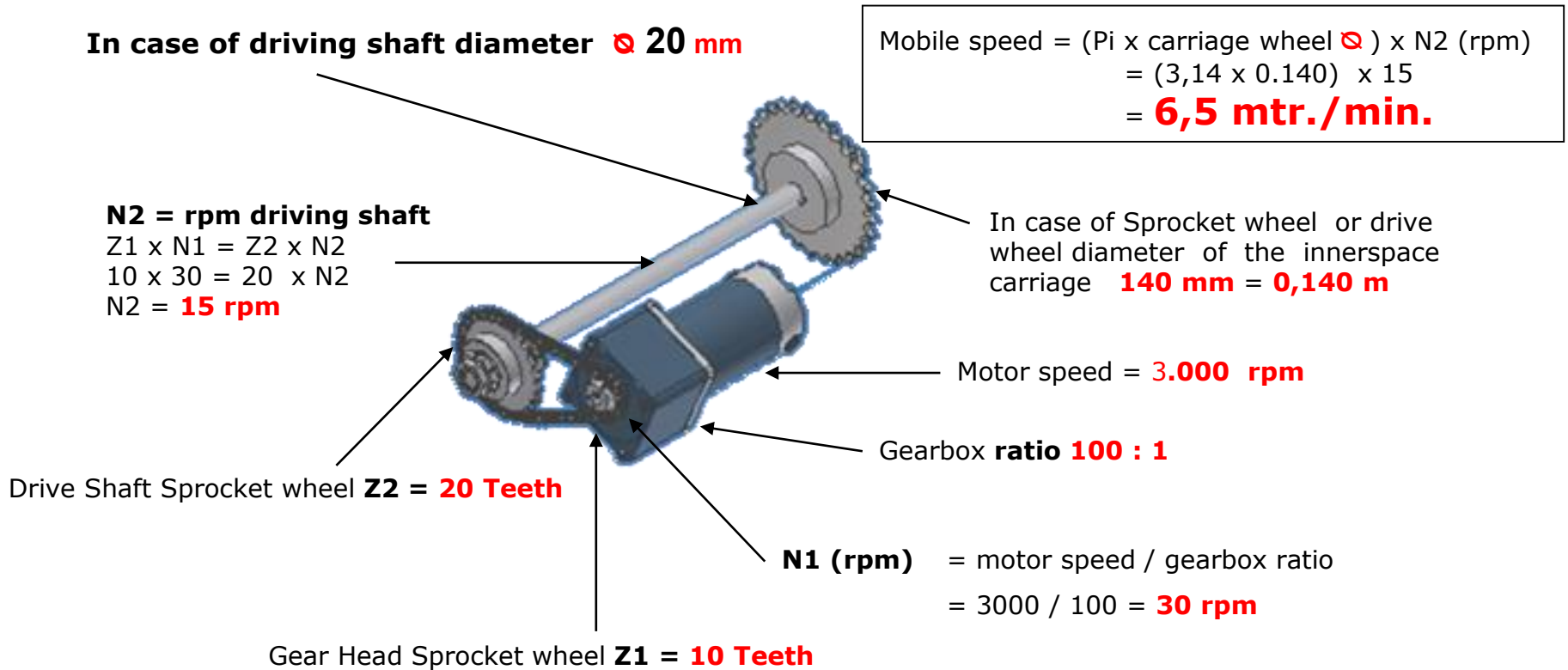


Mobile Shelving - Determine the Gear Ratio & Mobile Speed



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DETERMINE THE GEAR RATIO & MOBILE SPEED

IN CASE OF THE FOLLOWING GEAR RATIOS FOR YOUR DRIVING SYSTEM

10 TEETH SMALL CHAIN WHEEL FOR MOTOR GEAR HEAD SHAFT

20 TEETH BIG CHAIN WHEEL FOR DRIVING SHAFT

$$Z1 \times N1 = Z2 \times N2$$

$$10 \times 30 = 20 \times N2$$

$$N2 = \mathbf{15 \text{ RPM}}$$

IN CASE OF THE YOUR CARRIAGE WHEEL DIAMETER

$$140 \text{ MM} = 0,140 \text{ METRE}$$

$$3,14 \times 0,140 = \mathbf{0,439}$$

YOUR DETERMINED MOBILE SPEED

$$15 \times 0,439 = \mathbf{6,5 \text{ METER / MINUTE}}$$



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½ Small Chain Wheel's
For Motor Gear Head
Number of Teeth 10

½ Big Chain Wheel's
For Driving Shaft
Number of Teeth 20

Diş Adedi	1/2 - 12.70 mm.
8	37,2
9	41,0
10	45,2
11	48,7
12	53,0
13	57,4
14	61,8
15	65,5
16	69,5
17	73,6
18	77,8
19	81,7
20	85,8
21	89,7
22	93,8
23	98,2
24	101,8
25	105,8

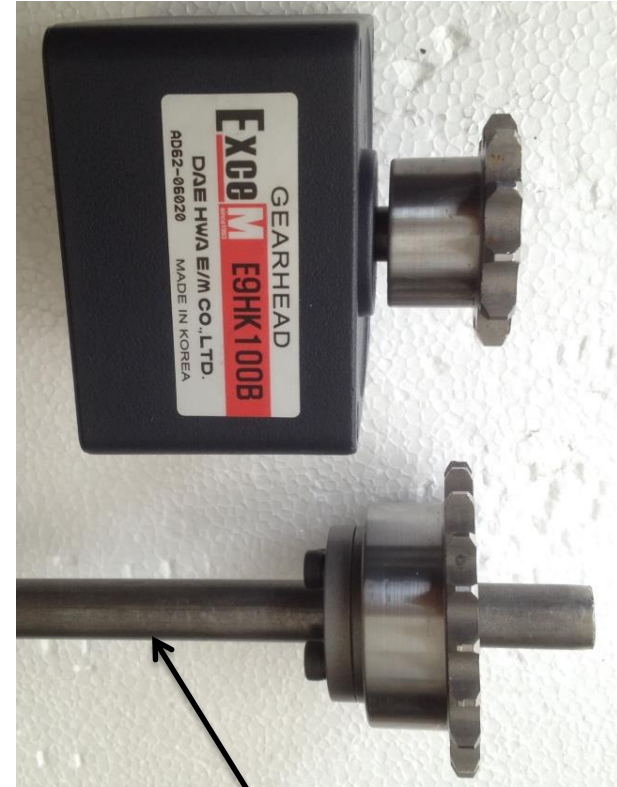
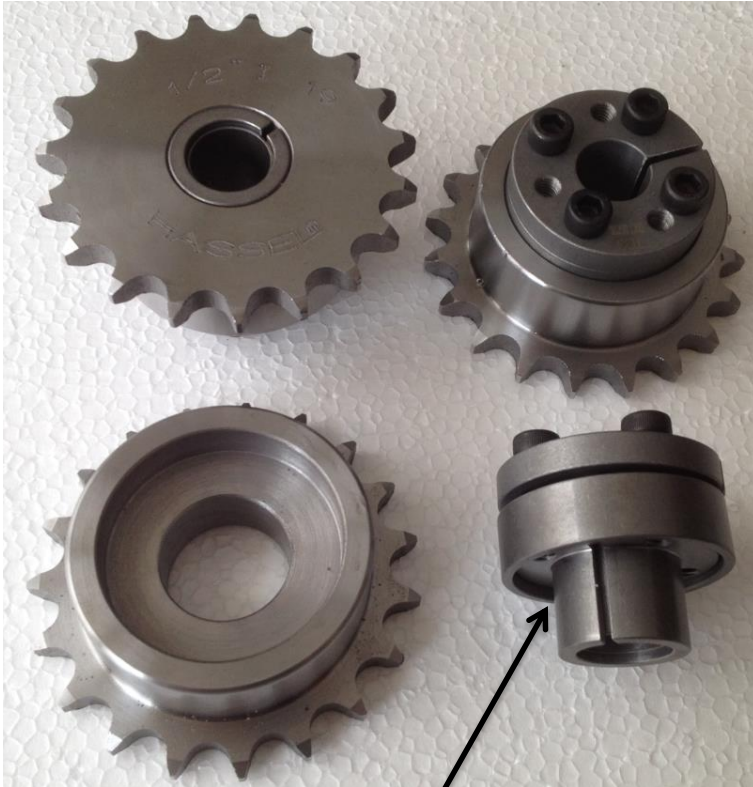
½ Small Chain Wheel's
For Motor Gear Head
Number of Teeth 10
Diameter 45,2mm

WHEN USED THE INDICATED CHAIN WHEELS
10 TEETH CHAIN WHEEL FOR MOTOR GEAR
HEAD SHAFT
20 TEETH CHAIN WHEEL FOR DRIVING SHAFT
YOUR MOBILE SPEED WILL
6,5 METER / MINUTE

½ Big Chain Wheel's
For Driving Shaft
Number of Teeth 20
Diameter 85,8mm



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NOTE : USE RIGHT **TAPPER LOCK** DIAMETER RESPECTED TO YOUR **DRIVE SHAFT** (SUCH Ø20MM)



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10 OR 11 TEETH SMALL CHAIN WHEEL FOR MOTOR GEAR HEAD SHAFT
(Depend on Determine the Gear Ratio & Mobile Speed)



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20 OR 21,22,23 ... TEETH BIG CHAIN WHEEL FOR DRIVING SHAFT
(Depend on Determine the Gear Ratio & Mobile Speed)



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1/2 CHAIN -CLOSED FOR SMALL & BIG SPROCKET WHEEL



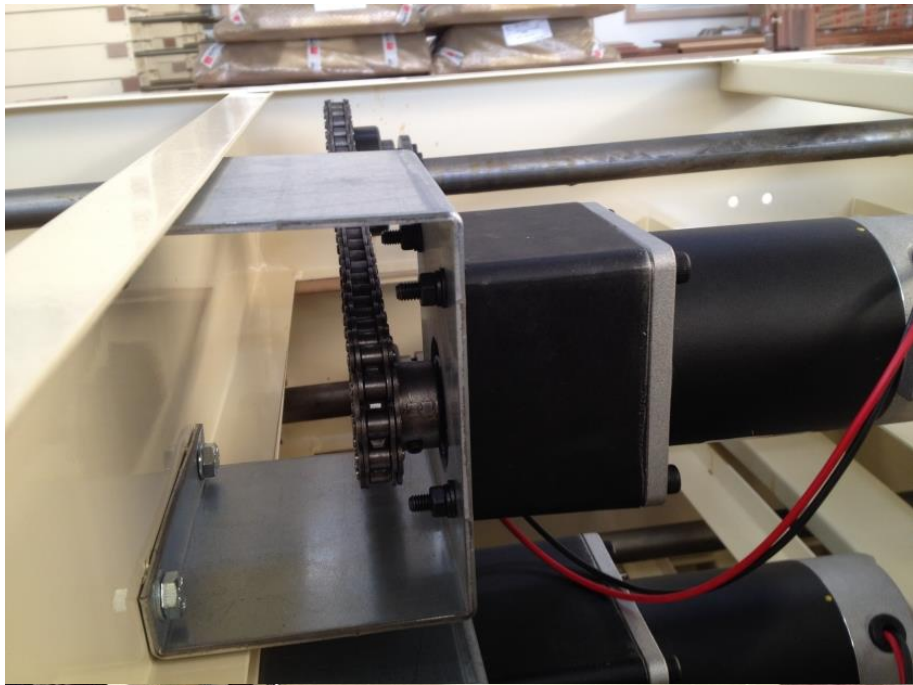
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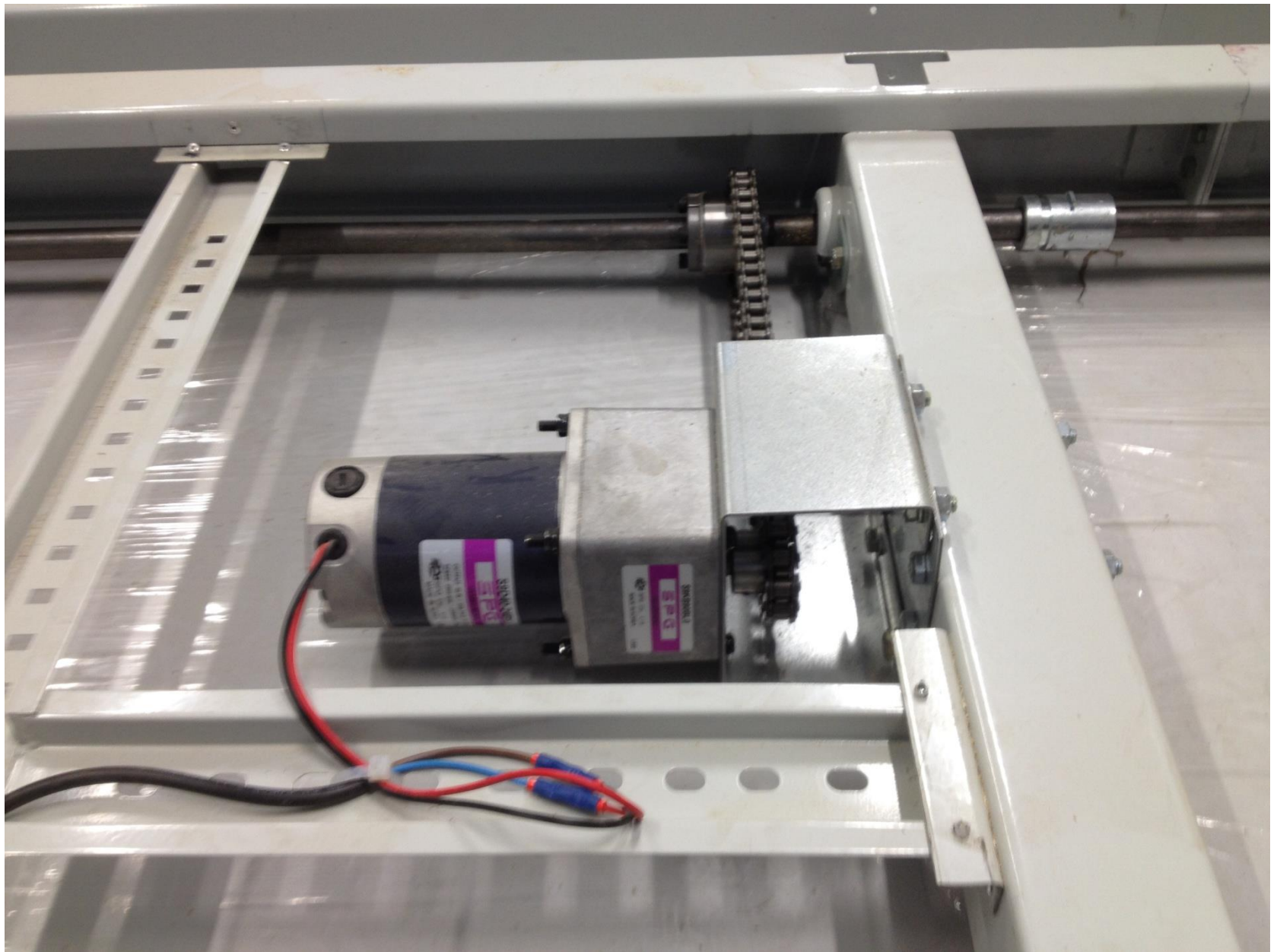


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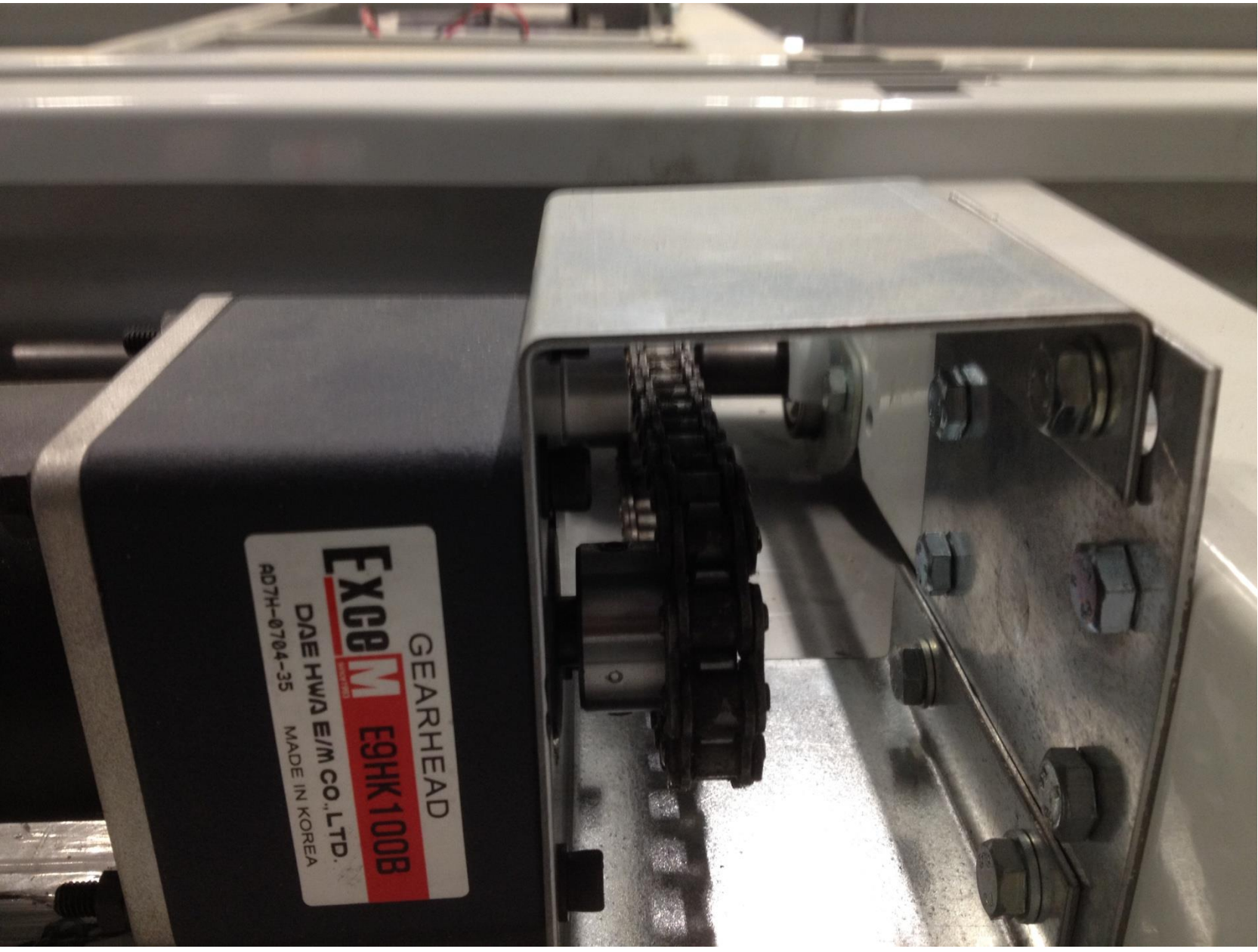
REFERENCE MOTOR MOUNT & CONNECTIONS











GEARHEAD
EXCEM E9HK100B
DAE HWA E/M CO., LTD.
RD7H-0704-35 MADE IN KOREA







