

3.10.1 Additional device 1

Name POTENTIOMETER ADJUSTMENT

N1=1050r/min

Q1=27.5±1.0cm³/1,000st

V1=3.58±0.03V

P1=3kPa

P2=0mmHg

N2=375r/min

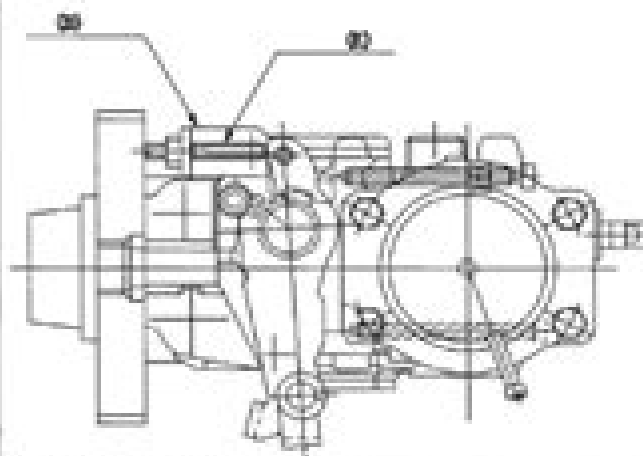
Q2=13.9±2.0cm³/1,000st(OLE)

Q3=Full speed

V2=0.80±0.45V

V3=7.43±0.83V

N	V	Q	P
N1	V1	Q1 P:P1 (P2)	B
N2	V2	Q2	C
N3	V3	Q3	C



N1=1050r/min

Q1=27.5±1.0cm³/1,000st

V1=3.58±0.03V

V1=10V

Adjustment of the potentiometer

Adjustment method (supply voltage V1, dummy bolt (A))

1. Hold the dummy bolt (A) against the control lever at position N = N1, Q = Q1.

Fix using the lock nut.

2. When adjusting the potentiometer, position the control lever to contact the dummy bolt (A).

Adjust the potentiometer so that the output voltage V is V1.

3. Remove the dummy bolt (A) after the completion of adjustment.

Confirm that the potentiometer output voltage is as specified above at the control lever idle position and the full position.

N: Pump speed

V: Output voltage

Q: Injection quantity

P: Boost pressure

B: Adjusting point

C: Checking point

(D): dummy bolt shape differs.

(E): Part numbers of the dummy bolt and the nut

146526-3300 (bolt) 42L

013020-6040 (nut)

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American Isuzu Motors Inc

A red circular graphic with a gradient, appearing as a partial circle or a stylized 'C' shape, located to the right of the American Isuzu Motors Inc text.

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