

수험번호 00 전산응용기기제도기능사  
성명  
감독 확인

$$\textcircled{1} \quad (\sqrt{x})^y$$

Technical drawing of a mechanical part A according to KS B ISO 4611 A 2/4.25(δt). The drawing shows a cross-section of a part with various dimensions and tolerance specifications.

**Dimensions:**

- Total height: 136
- Top horizontal distance from bottom centerline: 56
- Bottom horizontal distance from top centerline: 24
- Left side vertical distances from bottom centerline: 4, 22, 16, 18, 14, 10, 3+0.1
- Right side vertical distances from bottom centerline: 4, 24, 56, 22, 16, 18, 14, 10, 3+0.1
- Width at the top: 25
- Width at the bottom: 20k5
- Thickness: 13+0.1/0
- Radius: R

**Tolerances:**

- Top horizontal distance: ±0.1
- Bottom horizontal distance: ±0.1
- Left side vertical distances: ±0.1
- Right side vertical distances: ±0.1
- Width at the top: ±0.1
- Width at the bottom: ±0.1
- Thickness: ±0.1
- Radius: ±0.1

**Material Properties:**

- Material: 5N9
- Surface finish: Ra 0.008 A
- Surface finish: Ra 0.009 A
- Surface finish: Ra 0.009 A
- Surface finish: Ra 0.008 A

상세도 - A  
척도 2 : 1

상세도 - B  
척도 2 : 1

$$2 \sqrt{x} (\sqrt{y})$$

The technical drawing illustrates a mechanical assembly with the following key features and dimensions:

- Overall Length:** The total length of the assembly is indicated as  $(14.6)$ .
- Shaft Diameter:** The shaft diameter is  $\phi 20k5$ .
- Shaft Lengths:** The lengths of the shaft segments are  $14$ ,  $17$ ,  $18$ ,  $14$ ,  $18$ ,  $20$ ,  $18$ ,  $25$ , and  $16$ .
- Bore Dimensions:** The bore diameters are  $\phi 16g6$  and  $\phi 24h8$ .
- Keyway:** A keyway is present with a width of  $M12x1$ .
- Shaft Collars:** There are three shoulder collars with a height of  $3^{+0.1}_0$ .
- Shaft End Dimensions:** The end dimensions are  $16^{+0.1}_0$  and  $13^{+0.1}_0$ .
- Shaft Tolerances:** The shaft tolerances are  $\varnothing 0.009$  B.
- Shaft Force:** A force of  $5N$  is applied to the shaft at the right end.
- Shaft Support:** The shaft is supported by bearings at both ends.
- Shaft Material:** The shaft material is **A 2 / 4.25(양쪽)**.
- Shaft Drawing Reference:** The drawing is labeled **KS B ISO 4611**.

2	축	SCM430	1	동력전달장치 6
1	축	SCM430	1	동력전달장치 4
품번	품명	제질	수량	비고
고재명	동력전달장치	적도	1 : 1	
		각법	각법	3각법