



The image shows three technical drawings of supported-side end-journal profiles, labeled A-type, B-type, and C-type. Each drawing shows a cross-section of a shaft with a journal and a bearing housing. The dimensions are as follows:

- A-type:** The journal diameter is  $\phi 37 \pm 0.03$ . The bearing housing bore diameter is  $\phi 40 \begin{smallmatrix} -0.002 \\ -0.010 \end{smallmatrix}$ . The journal length is  $L_5 = L_6 - 35$ . The bearing housing bore length is  $L_6$ . The fillet radius is  $R0.2_{\max}$ .
- B-type:** The journal diameter is  $\phi 37 \pm 0.03$ . The bearing housing bore diameter is  $\phi 40 \begin{smallmatrix} -0.002 \\ -0.010 \end{smallmatrix}$ . The journal length is  $L_5 = L_6 - 43$ . The bearing housing bore length is  $L_6$ . The fillet radius is  $R0.2_{\max}$ . The distance from the journal end to the bearing housing bore end is  $8$ . The distance from the journal end to the bearing housing bore end is  $0.5 \begin{smallmatrix} +0.1 \\ 0 \end{smallmatrix}$ . The distance from the journal end to the bearing housing bore end is  $5.35 \pm 0.05$ .
- C-type:** The journal diameter is  $\phi 37 \pm 0.03$ . The bearing housing bore diameter is  $\phi 40 \begin{smallmatrix} -0.002 \\ -0.010 \end{smallmatrix}$ . The journal length is  $L_5 = L_6 - 43$ . The bearing housing bore length is  $L_6$ . The fillet radius is  $R0.2_{\max}$ . The distance from the journal end to the bearing housing bore end is  $8$ .

$L_6$ : Total length after end-journal machining.

D-type : Other than the above.

Unit:mm

Note) Please refer to page 5 for order code of end-journal machining.