

70A SYNCROPAK WITH  
SPURRED SIDE HANDWHEEL

Technical drawing showing three base options for the 70A Syncropak with a spurred side handwheel. The drawing includes detailed dimensions in inches and millimeters, and labels for various components.

**Top View (Left):**

- Overall height: 545" (21.46")
- Motor diameter:  $\phi 1.75$ " (44.28 mm)
- Motor length: 226" (8.90")
- Switch mechanism diameter:  $\phi 1.27$ " (32.27 mm)
- Switch mechanism length: 83" (3.27")
- Handwheel diameter:  $\phi 5.10$ " (129.54 mm)
- Handwheel angle: 30°
- Terminal compartment diameter:  $\phi 1.85$ " (46.99 mm)
- Terminal compartment length: 7.28"
- Syncropak diameter:  $\phi 1.85$ " (46.99 mm)
- Syncropak length: 7.28"

**Top View (Right):**

- Overall width: 449" (17.68")
- Position indicator diameter: 349" (13.74")
- Lock/remote/stop switch diameter: 105" (4.13")
- Open/close switch diameter: 100" (3.94")
- Conduit entries diameter: 6" (152.4 mm)
- Base mounting position: 149" (5.87")
- Handwheel diameter: 461" (18.15")
- Handwheel offset: 356" (14.02")
- Handwheel offset: 327" (12.91")
- Handwheel offset: 149" (5.87")
- Handwheel offset: 60" (2.36")
- Handwheel offset: 95" (3.74")

**Bottom View (Left):**

- Overall width: 543" (21.38")
- Motor length: 254" (10.00")
- Terminal compartment length: 121" (4.77")
- Syncropak length: 219" (8.62")
- Switch mechanism length: 25" (1.00")
- Handwheel diameter: 461" (18.15")
- Handwheel offset: 356" (14.02")
- Handwheel offset: 327" (12.91")
- Handwheel offset: 149" (5.87")
- Handwheel offset: 60" (2.36")
- Handwheel offset: 95" (3.74")

**Bottom View (Right):**

- Overall width: 543" (21.38")
- Motor length: 254" (10.00")
- Terminal compartment length: 121" (4.77")
- Syncropak length: 219" (8.62")
- Switch mechanism length: 25" (1.00")
- Handwheel diameter: 461" (18.15")
- Handwheel offset: 356" (14.02")
- Handwheel offset: 327" (12.91")
- Handwheel offset: 149" (5.87")
- Handwheel offset: 60" (2.36")
- Handwheel offset: 95" (3.74")

**Base Options:**

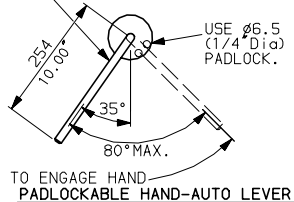
- F25 A, FA25 A, F25 Z and FA25 Z Bases (Thrust)
- F25 B3/B4 and FA25 B3/B4 Bases (Non-Thrust)
- F25 B1 and FA25 B1 Bases (Non-Thrust)

**Notes:**

- COVER TUBE WHEN FITTED 4" NPT SUPPLIED IN 152" (6") INCREMENTS
- EARTHING HOLE  $\phi 6.5$  (1/4")
- Base Mtg Position
- CONDUIT ENTRIES
- Base Mtg Position
- POSITION INDICATOR
- LOCK/REMOTE/STOP SWITCH
- OPEN/CLOSE SWITCH
- "X"

Three BASE options are detailed to suit the relevant Coupling arrangement. The required BASE for the SIDE & END views should be loaded to position indicated.

LEVER POSITION IN AUTO.  
LEVER AUTOMATICALLY RETURNS  
TO THIS POSITION WHEN RELEASED



Technical drawing of the AOP1 component. The top view shows a rectangular part with a central slot. Dimensions include a total width of 455 (17.91"), a central slot width of 270 (10.63"), and a slot depth of 127 (5.00"). The side view shows the profile of the component, with a dashed line indicating the internal structure.

Date 010203      Scale 1:15