

2047 | PUSH-PULL CONTROL



Putting you in control.

The Kobelt 2047 push-pull control head is designed to command twin-engine vessels with both the clutch and throttle controls integrated into each lever. The control head also features a spring-loaded throttle override which permits running the engine with the clutch disengaged. Manufactured for the marine environment, this rugged product can be supplied with a wide array of options to suit your vessel's propulsion control needs.

Key Features

- Twin-engine propulsion control¹
- Throttle override capability
- Selectable strokes
 - Clutch: 4 positions
 - Throttle: 3 positions (4 with extension kit)
- Suitable for 30 & 40 series cable
- Configurable design to suit requirements
- Bronze & stainless steel construction

Specifications

Handle Travel:

• Neutral:	0°	Detented
• Clutch engage:	+/- 30°	Detented
• Full throttle:	+/- 85°	-

Pin position:

Stroke:	1	2	3	4	5 ⁵	6 ⁵	7 ⁵	8 ⁵
• Clutch:	±0.63 in [±16 mm]	±0.90 in [±23 mm]	±1.17 in [±30 mm]	±1.45 in [±37 mm]	±2.13 in [±54 mm]	±2.31 in [±59 mm]	±2.50 in [±63 mm]	±2.68 in [±68 mm]
• Throttle:	1.55 in [39 mm]	1.97 in [50 mm]	2.4 in [67 mm]	3.26 ² in [83 mm]	N/A	N/A	N/A	N/A

Maximum Force Output:³

• Clutch:	143 lbf [636 N]	104 lbf [463 N]	82 lbf [365 N]	67 lbf [298 N]	49 lbf [218 N]	45 lbf [200 N]	42 lbf [187 N]	39 lbf [173 N]
• Throttle:	73 lbf [325 N]	59 lbf [262 N]	49 lbf [218 N]	37 ² lbf [165 N]	N/A	N/A	N/A	N/A

Lever Ratio:

• Clutch:	4.9:1	3.6:1	2.8:1	2.3:1	1.7:1	1.6:1	1.4:1	1.3:1
• Throttle: ⁴	2.5:1	2.0:1	1.7:1	1.3:1 ²	N/A	N/A	N/A	N/A

Ambient Temperature: -40°F...+140°F

[-40 °C... + 60 °C]

Weight:

12.1 lbs

[5.5 kg]

¹ Single station control only – transfer unit must be used for two stations.

² Requires a 2047-0905 or 2047-0906 extension kit

³ Estimated output force is at end of stroke based on an input force of 29lbf on a "Tee" handle. Output force must not exceed rated cable force.

⁴ At end of stroke, lever ratio increases towards neutral.

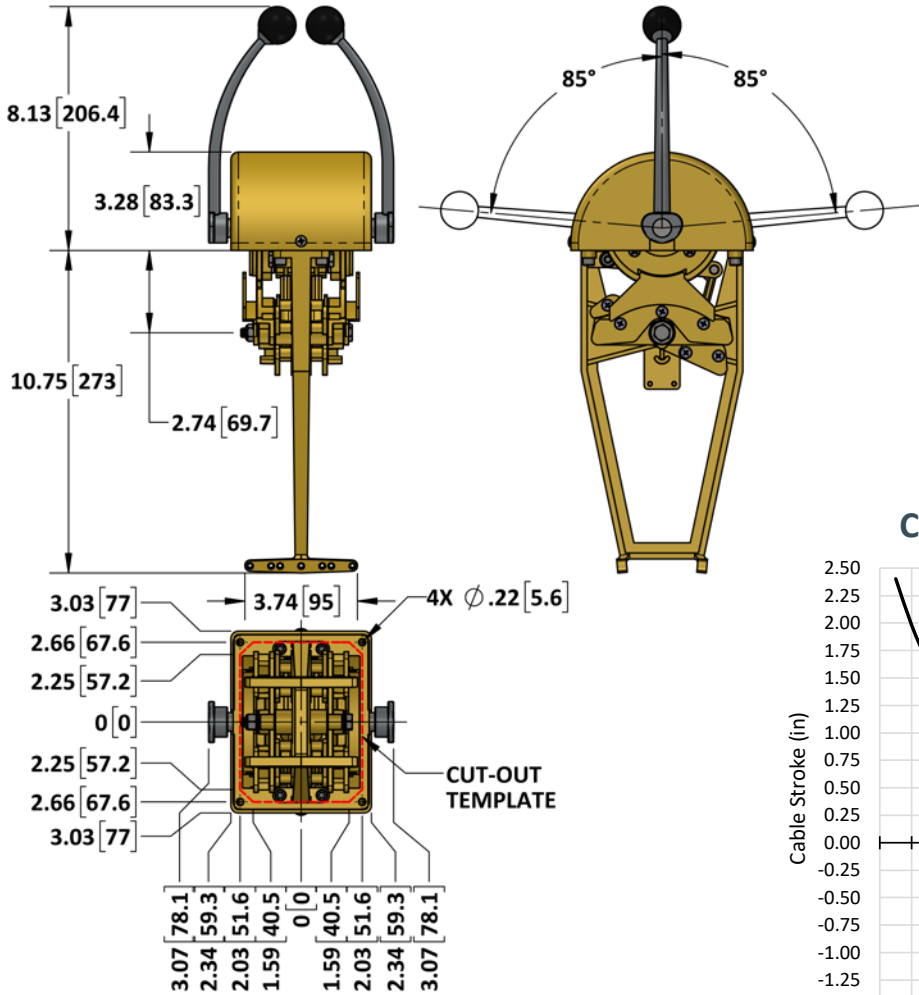
⁵ Requires a 2046-0905 or 2046-0906 extension kit

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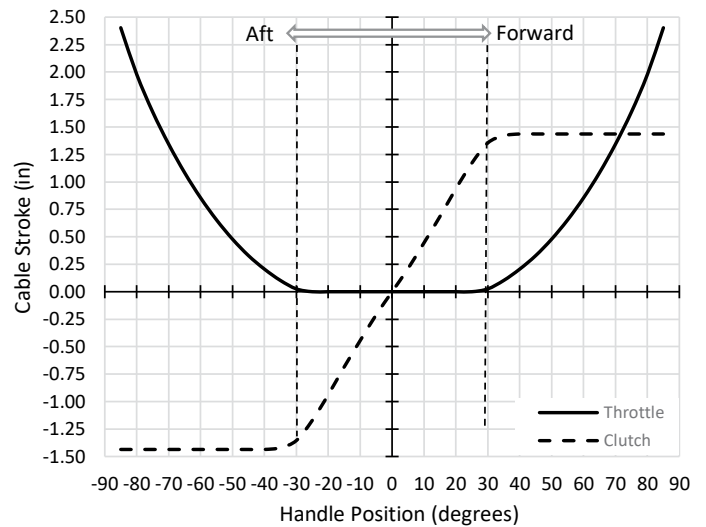
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KOBELT

SPECIFICATIONS



Clutch & Throttle Engagement



Model Code Key

2047- ← (list in alphabetical order)

Safety Options

J = Two neutral safety switches

Finish Options

- K = chrome plated
- L = polished brass
- M = black painted dome & chrome plated handles
- Z = metal position labels

Handle Options

- U = Two curved handles with knobs
- V = Two tee handles with plastic grips
- Y = Two tee handles

Popular Configurations:

2047-KYZ

2047-KU

Accessories

- 2047-0901C Connection kit – clutch; 30 series cable
- 2047-0902C Connection kit – clutch; 40 series cable
- 2047-0901T Connection kit – throttle; 30 series cable
- 2047-0902T Connection kit – throttle; 40 series cable
- 2046-0905 Extension kit – clutch; 30 series cable
- 2046-0906 Extension kit – clutch; 40 series cable
- 2047-0905 Extension kit – throttle; 30 series cable
- 2047-0906 Extension kit – throttle; 40 series cable
- 2047-0903 Switch kit – neutral safety

Note: All kits must be ordered separately