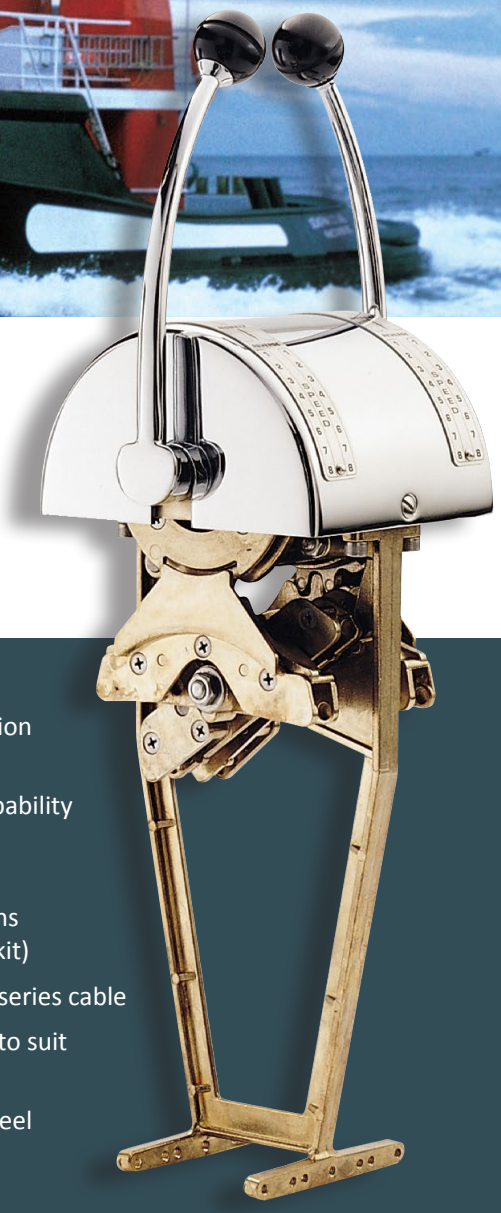
2047 | PUSH-PULL CONTROL

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.



Specifications

Handle Travel:				
• Neutral:	0°		Detented	
• Clutch engage:	+/- 30°		Detented	
• Full throttle:	+/- 85°		-	
Pin position:	1	2	3	4
Stroke:				
• Clutch:	±0.63 in [±16 mm]	±0.90 in [±23 mm]	±1.17 in [±30 mm]	±1.45 in [±37 mm]
• Throttle:	1.55 in [39 mm]	1.97 in [50 mm]	2.4 in [61 mm]	3.26[2] in [83 mm]
Maximum Output Force:[3]				
• Clutch:	143 lbf [636 N]	104 lbf [463 N]	82 lbf [365 N]	67 lbf [298 N]
• Throttle:	73 lbf [325 N]	59 lbf [262 N]	49 lbf [218 N]	37[2] lbf [165 N]
Lever Ratio:				
• Clutch:	4.9:1	3.6:1	2.8:1	2.3:1
• Throttle:[4]	2.5:1	2.0:1	1.7:1	1.3:1[2]
Ambient Temperature:	-40°F...+140°F [-40 °C... + 60 °C]			
Weight:	12.1 lbs [5.5 kg]			

Key Features

- Twin-engine propulsion control[1]
- 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

[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.

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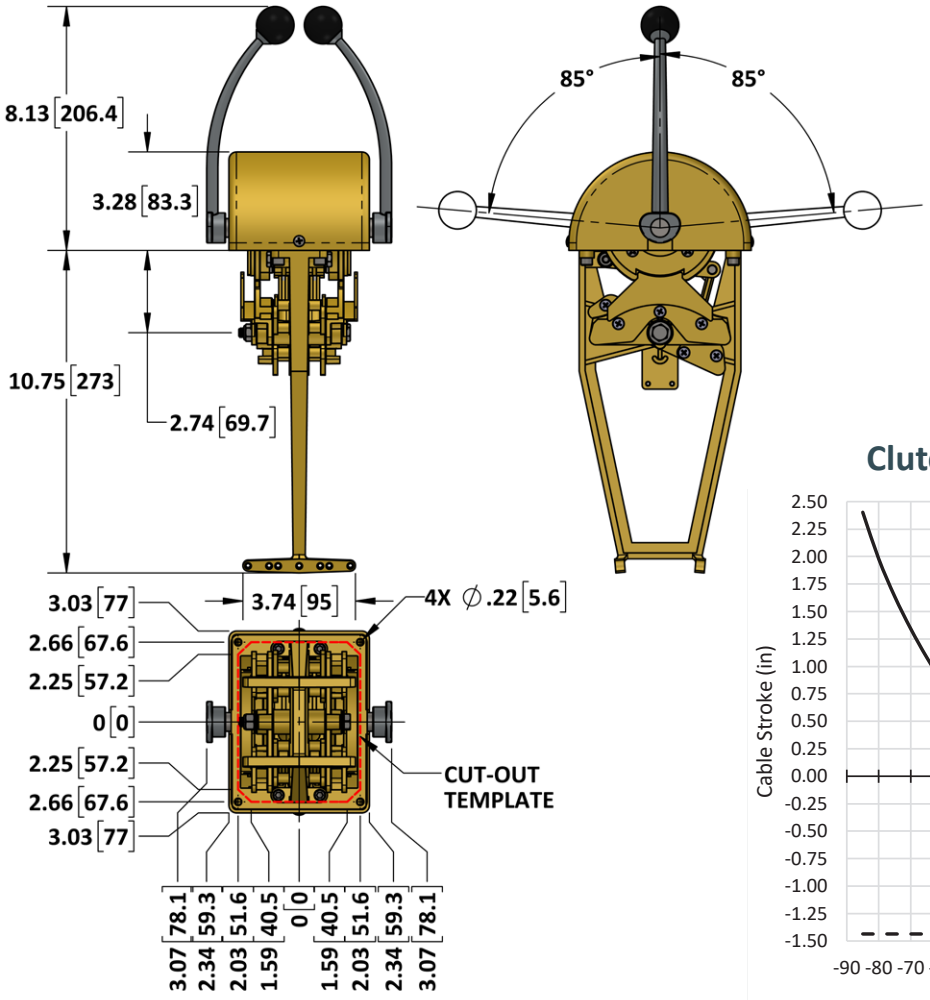
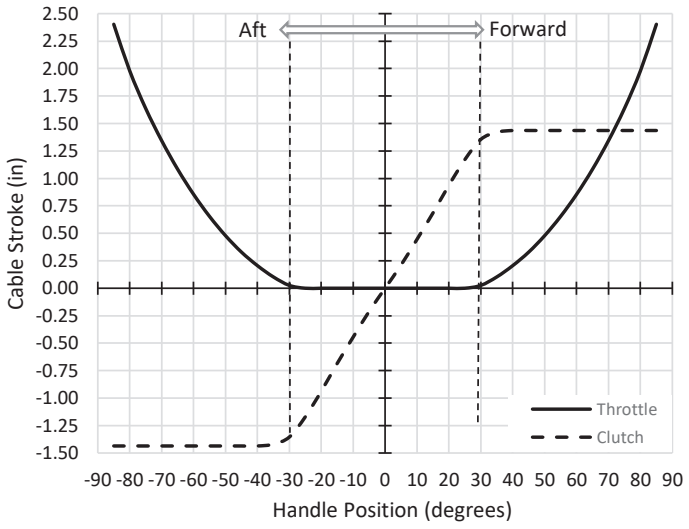
SPECIFICATIONS



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
2046-0903	Switch kit – neutral safety

Note: All kits must be ordered separately

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