

# 6300-0200

# DIGITAL STEERING STATION



## Putting You In Control.

Kobelt's digital steering system employs proportional valve control to provide precise movement of the vessel's rudder. All stations can be configured to suit the vessel's needs, whether the commands come from, a digital helm, FFU, NFU or autopilot. The controller communicates with the stations over a KNet network to reduce cabling requirements.



## Specifications

### ELECTRICAL

• Operating voltage	10 - 32	VDC
• Operating current w/o wheel	0.35 - 0.7	A
• Operating current w/ wheel	1.35 - 1.7	A

### MECHANICAL

• Shipping dimensions (L x W x H)	275mm x 170mm x 100mm [10 7/8" x 7" x 3 7/8"]
• Product weight	0.65 kg [1.44 lbs]

### ENVIRONMENTAL

• Environmental category	ENV5 / Class C / exposed
• Operating temperature	- 15°C to 55°C [5°F to 112°F]
• Storage temperature	- 20°C to 60°C [-4°F to 140°F]
• Operating humidity	95% (non-condensing)
• Storage humidity	98% (non-condensing)
• Vibration/shock resistance	Conforms to IEC:60945
• EMC immunity/emissions	Conforms to IEC:60945
• IP rating	IP56 (above console) IP20 (below console)

## Approvals

ABS (23-2474208-PDA)

## Key Features

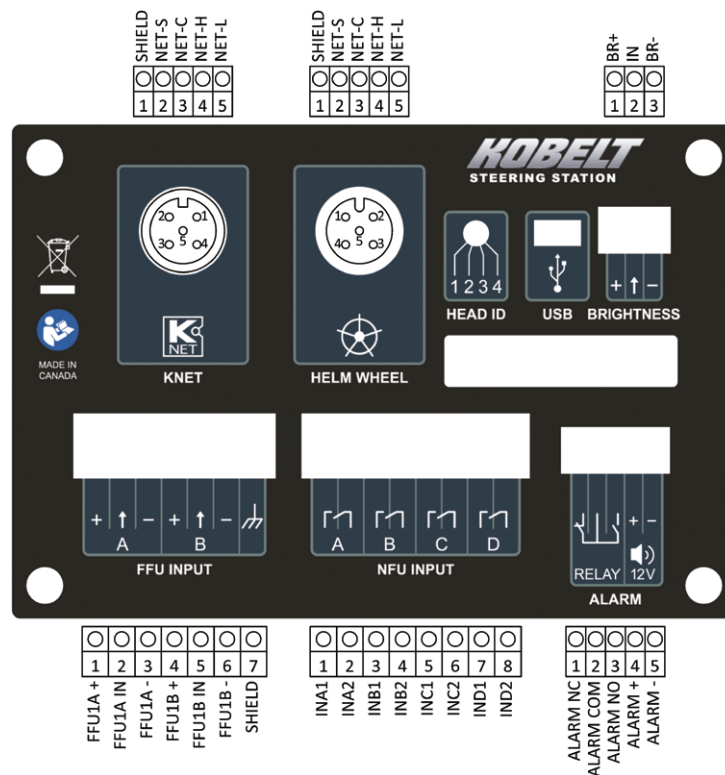
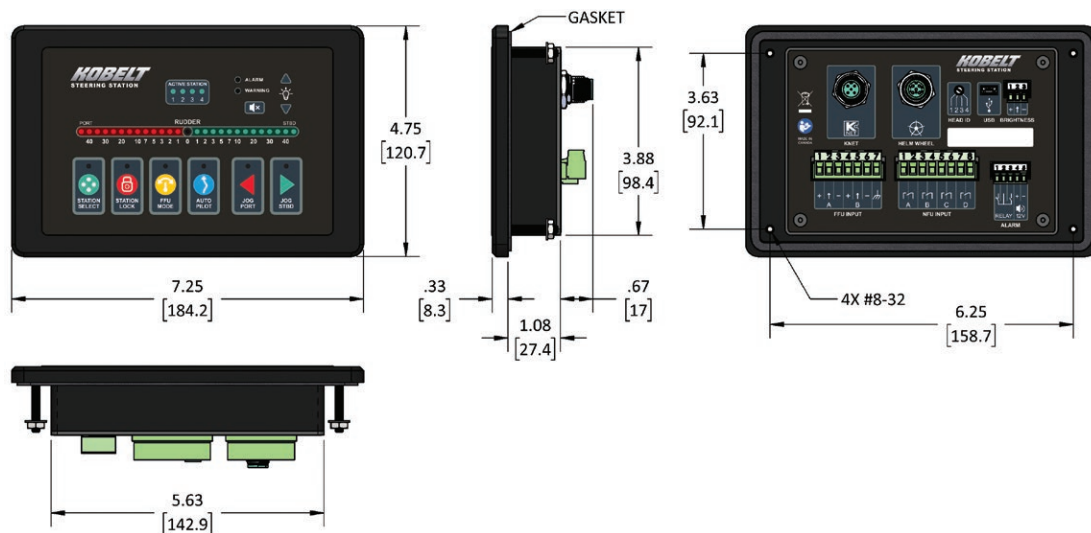
- Lab tested to IEC 60945
- Selectable NFU and/or FFU input redundancy<sup>1</sup>
- Dual independent NFU and/or FFU input capability<sup>1</sup>
- Accepts digital or analog helms
- Programmable tactile feedback of digital helm
- Continuous fault monitoring of connected devices
- Autopilot interface with seamless dodge function
- Accepts steering commands from qualified external systems<sup>1</sup>
- Scalable up to 6 network connected helm stations<sup>1</sup>
- Rugged anodized aluminum construction
- Accommodates many types of steering configurations
- Easy to install, commission and maintain

## Available Models

6300-0200	4 station basic helm station
6300-0200-1	6 station enhanced helm station

<sup>1</sup> available with enhanced version only

# SPECIFICATIONS



## CONNECTORS

KNet Network Connection	1	M12 - 5 Pin Female	See Manual for wiring considerations
Electric Wheel Connector	1	M12 - 5 Pin Male	NMEA2000 Micro/Mid < 2m(6.5ft)
NFU Inputs	1	Phoenix 8 Pos 5.08mm	20 - 16AWG
FFU Inputs	1	Phoenix 7 Pos 3.51mm	20 - 16AWG
Brightness Input	1	Phoenix 3 Pos 3.51mm	20 - 16AWG
Alarm	1	Phoenix 5 Pos 3.51mm	20 - 12AWG