

ASD 16**ARNESON SURFACE DRIVE****ALUMINUM IN-LINE (ASD16A1LU)**

- Aluminum thrust assembly
- Drive and cylinder mounting hardware kits
- Anode system
- Internal lube oil reservoir
- Steering cylinder (electronic feedback) with external hoses and fittings
- Trim cylinder (electronic feedback) with external hoses and fittings
- Installation manual, owners manual

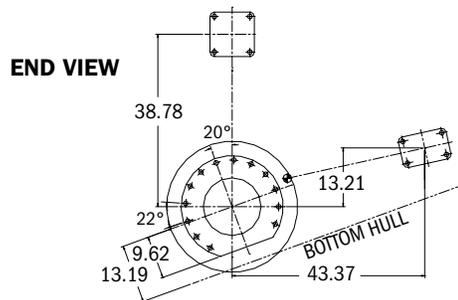
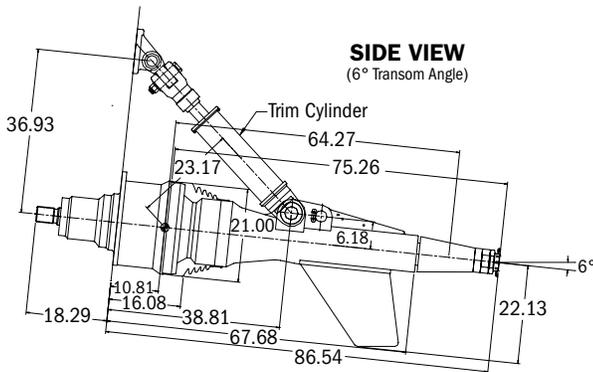
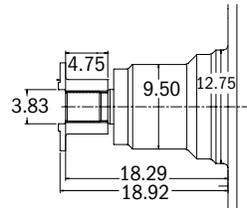
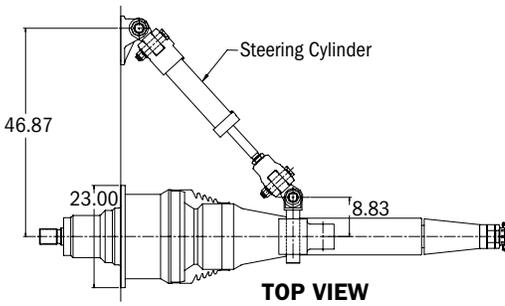
**ACCESSORIES**

- Cylinder position gauges
- Hydraulic power steering system
- Gearbox adapter
- Driveline (cardan shaft)
- Companion (input) flange
- Tie-bar (mechanical or hydraulic – for multiple engine vessels)
- Propeller

TECHNICAL DATA

Reduction Ratio	1.00:1
Maximum Input Torque	16,500 ft-lbs
Unit Weight	1,985 lbs
Overall Length from Transom	87 in
Nominal Shaft Diameter	4.5 in
Steering Angle Degree	36 degrees
Trim Angle Degree	15 degrees

ASD 16 IN-LINE SURFACE DRIVE SCHEMATICS



Since 1918, we've been putting horsepower to work by designing, engineering and manufacturing rugged-duty industrial products. Our products and our reputation are bolted to the most renowned engine manufacturers and equipment OEMs in the world. Our mission is to make boats, machines and off-highway vehicles more productive, more durable, more operator-friendly, and more cost-effective. From design and installation consultation through after-sale support, Twin Disc and its distributors are committed to your business. No one knows more about managing horsepower in more ways than Twin Disc.

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ARNESON® SURFACE DRIVES

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THRUSTERS

VETH PROPULSION SYSTEMS

STEERING SYSTEMS

RUDDERS

TRIM TABS

BLUEDRIVES

PUMP DRIVES

PTOS

Twin Disc, Incorporated reminds users of these products that their safe operation depends on use in compliance with engineering information provided in our catalog. Users are also reminded that safe operation depends on proper installation, operation and routine maintenance and inspection under prevailing conditions. It is the responsibility of users (and not Twin Disc, Incorporated) to provide and install guards or safety devices which may be required by recognized safety standards or by the Occupational Safety and Health Act of 1970 and its subsequent provisions.

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