

**ASD 8****ARNESON SURFACE DRIVE****DESCRIPTION****BRONZE IN-LINE (ASD08B1L)****ALUMINUM-BRONZE DROP-CENTER (ASD08B3L)**

Bronze thrust assembly

Bronze (B) or aluminum (C) drop box  
(drop-center drives only)

Internal lube oil reservoir

Steering cylinder with external hoses and fittings

Trim cylinder with external hoses and fittings

Standard (or optional longer) fin

Standard 25-tooth (or optional 26-tooth) splined  
propeller shaft

Installation manual, owners manual and drive ball  
wrench (one per ship set)

**ACCESSORIES**

Anode Kit

Cylinder position indicator kits with gauge

Hydraulic power steering system

Gearbox adapter

Driveline (cardan shaft)

Companion (input) flange

Tie-bar (mechanical or hydraulic – for multiple  
engine vessels)

Inboard cylinder mounting kit

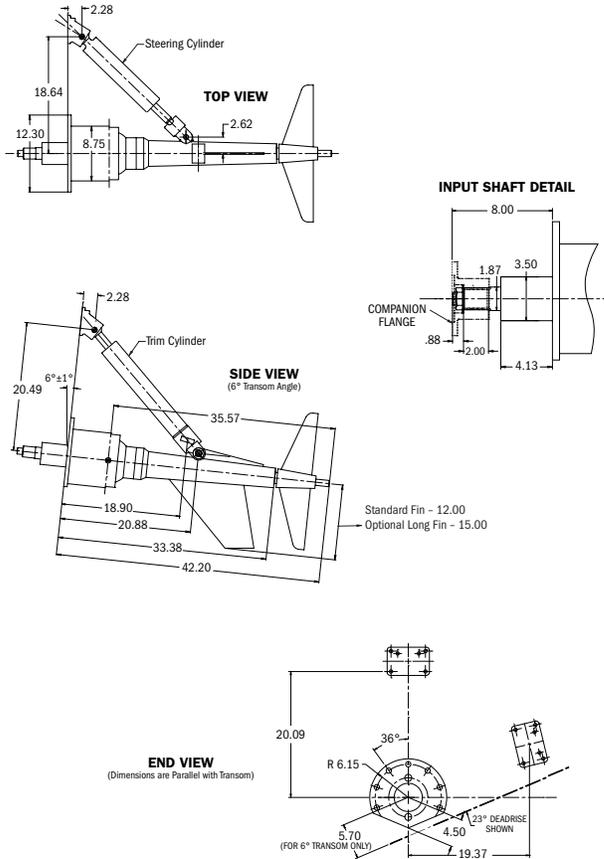
Propeller

**TECHNICAL DATA**

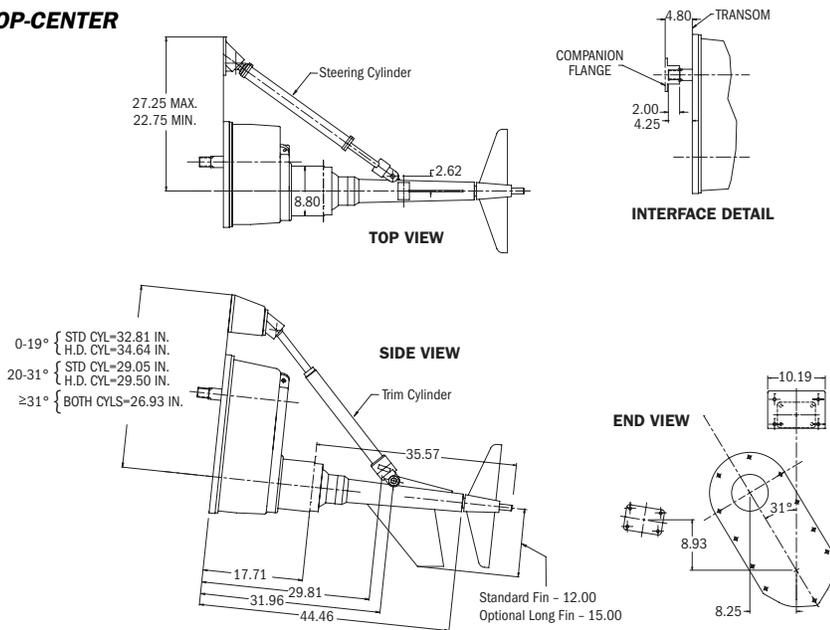
	<b>ASD08B1L</b>	<b>ASD08B3L</b>	
DROP DISTANCE		10 INCH	16 INCH
Reduction Ratio/ Maximum Input Torque	1.00:1 1200 ft-lbs	1.00:1 / 1200 ft-lbs	
		1.32:1 / 909 ft-lbs	
		1.42:1 / 845 ft-lbs	
		1.53:1 / 785 ft-lbs	
Unit Weight	285 lbs	C458 lbs	C485 lbs
		B610 lbs	B680 lbs
Overall Length	42 in	54 in	
Nominal Shaft Diameter	2 in	2 in	
Steering Angle Degree	40 degrees	40 degrees	
Trim Angle Degree	15 degrees	15 degrees	

# ASD 8 DROP-CENTER & IN-LINE SURFACE DRIVE SCHEMATICS

## IN-LINE



## DROP-CENTER



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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