

ARNESON

SURFACE DRIVES

MODEL		ASD 6	ASD 8	ASD 10	ASD 11L	ASD 12L	ASD 14	ASD 15S	ASD 15L	ASD 16	ASD 18S	ASD 18L		
IN-LINE		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		
DROP-CENTER		No	Yes	Yes	No	No	No	No	No	No	No	No		
HORSEPOWER ACCEPTANCE	GASOLINE @ 5200 rpm	To 550	To 990	To 1485	—									
	DIESEL @ 2400 rpm	To 290	To 380	To 565	To 850	To 1400	To 1800	To 2100	To 2400	Contact Twin Disc, Inc				
	GAS TURBINE	To 10,000 (Subject to Application)												
REDUCTION RATIOS AND TORQUE LIMITS	REDUCTION RATIOS	ASD INPUT SHAFT TORQUE LIMITS IN LBS-FT. Torque ratings shown are nominal and may vary due to vessel characteristics.												
	ASD 8													
	CHAIN	IN-LINE	DROP-CENTER	IN-LINE	DROP-CENTER	IN-LINE	IN-LINE	IN-LINE	IN-LINE	IN-LINE	IN-LINE	IN-LINE	IN-LINE	
	1.00:1	650	1200	1200	1500	2000	3200	4800	8000	11500	13500	16500	21500	30000
	1.32:1	—	909	Reduction Ratios in Marine Transmission										
	1.42:1	—	845											
1.53:1	—	785												
NOMINAL SHAFT SIZE (inches)		1.75	2.00	2.50	2.875	3.30	3.50	4.50	4.50	4.50	5.51	6.69		
UNIT WEIGHT (pounds, dry, includes ASD unit, trim and steering cylinders, trim pump, reservoir, mounting hardware and hoses.)	IN-LINE	A 135 B 195	B 285	B 415	B 515	B 785	B 1135	A 1500	A 1540	A 1985	A 3200	A 4880		
	DROP-CENTER	—	10" C 458 10" B 610 16" C 485 16" B 680	10" C 560 10" B 750 16" C 600 16" B 820	—	—	—	—	—	—	—	—		
OVERALL EXTERNAL LENGTH (inches)	IN-LINE	36	42	53	57	63	71	78	78	87	104	107		
	DROP-CENTER	—	54	63	—	—	—	—	—	—	—	—		
THRUST SOCKET DIAMETER (inches)	IN-LINE	8	8	10	10	13	15	19	19	20	22.5	24		
	DROP-CENTER	—	8	10	—	—	—	—	—	—	—	—		
THRUST SOCKET FLANGE DIA. (in)	IN-LINE	8	12	14	14	17	19	21.25	21.25	23	29.5	29.5		
SHAFT INPUT/OUTPUT OFFSET	DROP-CENTER	—	10" Offset 16" Offset		—	—	—	—	—	—	—	—		
TURNING ANGLE (Total)		40°	40°	40°	40°	40°	40°	36°	36°	36°	29°	29°		
PROPELLER TRIM CONTROL (Vertical travel)		15°	15°	15°	15°	15°	15°	15°	15°	15°	15°	15°		

NOTE: SOME BOATS MAY REQUIRE TRANSOM MOUNTING WEDGES. METRIC CONVERSION FACTORS: HP X 0.746=KW; KW X 1.341=HP. ARNESON SURFACE DRIVES MATERIALS:
A:ALMAG 35/ALUMINUM ALLOY IN-LINE UNIT OR DROP-CENTER B:BRONZE IN-LINE UNIT OR DROP-CENTER C:ALMAG 35/ALUMINUM ALLOY DROP-CENTER HOUSING/BRONZE THRUST ASSEMBLY.

