



MECHANICAL DATA

TYPE	DIA. A	LENGTH B	STANDARD MOUNTING					STANDARD OUTPUT SHAFT				
			C	D	E	F	G	J	L	M	N	K
9S-8	0.875	0.524	0.8437	.125	.188	0.730	.096	0.500	30	64	0.4688	0.625
11S-8	1.250	0.486	1.2250	.188	.250	1.030	.129	0.875	40	48	0.8333	0.750
18S-9	2.000	0.797	1.9375	.250	.250	1.670	.177	1.312	61	48	1.1708	1.000
28S-9	3.000	0.805	2.9687	.375	.375	2.500	.266	2.292	53	24	2.2083	1.500
40S-10	4.000	1.241	3.9687	.375	.500	3.375	.266	3.062	47	16	2.9375	1.500

PERFORMANCE DATA

TYPE	RUNNING TORQUE	STALL TORQUE	RATIO	BACKLASH AT 1 IN-LB (ARC-MIN)	COMPLIANCE (ARC-MIN/IN-LB)	WEIGHT (OZ)
9S-8	6 IN-LB	12 IN-LB	8.00	6	0.500	1.5
11S-8	30 IN-LB	60 IN-LB	8.00	4	0.250	4
18S-9	120 IN-LB	240 IN-LB	9.00	3	0.100	15
28S-9	40 FT-LB	80 FT-LB	9.00	3	0.010	43
40S-10	120 FT-LB	240 FT-LB	10.00	2	0.005	100

NOTES:

1. All S.O.R.'s direct.
2. Other mounting, shaft, and pinion configurations on request.
3. Composite error of assembled pinion .0014 T.I.R. to pilot.
4. Class 12 pinion tooth profile per AGMA 207.05.