



## MECHANICAL DATA

TYPE	DIA. A	LENGTH B	STANDARD MOUNTING					STANDARD OUTPUT SHAFT				
			C	D	E	F	G	J	L	M	N	K
<b>9S-8</b>	0.875	0.524	0.8437	.125	.188	0.730	.096	0.500	30	64	0.4688	0.625
<b>11S-8</b>	1.250	0.486	1.2250	.188	.250	1.030	.129	0.875	40	48	0.8333	0.750
<b>18S-9</b>	2.000	0.797	1.9375	.250	.250	1.670	.177	1.312	61	48	1.1708	1.000
<b>28S-9</b>	3.000	0.805	2.9687	.375	.375	2.500	.266	2.292	53	24	2.2083	1.500
<b>40S-10</b>	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)
<b>9S-8</b>	6 IN-LB	12 IN-LB	8.00	6	0.500	1.5
<b>11S-8</b>	30 IN-LB	60 IN-LB	8.00	4	0.250	4
<b>18S-9</b>	120 IN-LB	240 IN-LB	9.00	3	0.100	15
<b>28S-9</b>	40 FT-LB	80 FT-LB	9.00	3	0.010	43
<b>40S-10</b>	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.