

Gearbox Type:

MIS

Speed Range: 14 – 436 r.p.m.

In Line Reduction Multi-Spur Gear Units

1 or 3 Phase Induction Motors – Constant Speed

Enclosures: Standard – Ventilated Internal Fan Cooled (IP 20)

Alternative – Totally Enclosed (IP 50) with Terminal Box or T.E.F.C. (IP 54)



SD 29 MIS

Voltage, Construction, Connections, Motor Performance Specifications and Optional Extras see pages 6, 8 and 10 for full details.

(1 Nm = 8.85 lbs. ins.) (1 Nm = 10.2 cmkp)

Gearbox Specification Motor Speed 1400 r.p.m.			SD 8 MIS SD 38 MIS 1 or 3 Phase Motor Rating 35 watts	SD 28 MIS SD 29 MIS 1 or 3 Phase Motor Rating 55 watts	SD 13 MIS / SD 18 MIS 1 Phase Motor Rating 100 watts		3 Phase Motor Rating 125 watts
FINAL R.P.M.	RATIO		OUTPUT TORQUE (Nm)				
	PINION	SPUR					
14	3.23	31.3	18	29	45	45	
21	2.13	31.3	12	19	35	43	
32	3.23	13.45	8	13	23	29	
40	1.12	31.3	7	11	19	24	
49	2.13	13.45	5	8	15	19	
76	3.23	5.73	4	6	10	13	
93	1.12	13.45	3	5	8	11	
115	2.13	5.73	2.4	4	7	8	
218	1.12	5.73	1.3	2	4	5	

Gearbox Specification Motor Speed 2800 r.p.m.			SD 8 MIS SD 38 MIS 1 or 3 Phase Motor Rating 60 watts	SD 28 MIS – SD 29 MIS 1 Phase Motor Rating 100 watts	3 Phase Motor Rating 120 watts	SD 13 MIS / SD 18 MIS 1 Phase Motor Rating 150 watts	3 Phase Motor Rating 190 watts
FINAL R.P.M.	RATIO		OUTPUT TORQUE (Nm)				
	PINION	SPUR					
28	3.23	31.3	16	26	31	39	45
42	2.13	31.3	10	17	21	26	33
64	3.23	13.45	7	12	14	17	22
80	1.12	31.3	6	10	11	14	18
98	2.13	13.45	5	8	9	12	15
151	3.23	5.73	3	5	6	8	10
186	1.12	13.45	3	4	5	6	8
229	2.13	5.73	2	3	4	5	6
436	1.12	5.73	1	2	2	3	4



