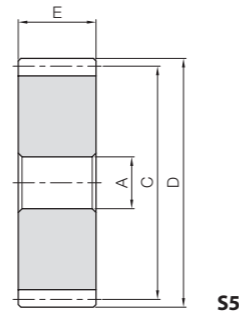




Specifications	
Precision grade	JIS grade N8 (JIS B1702-1: 1998)
Gear teeth	Standard full depth
Pressure angle	20°
Material	S45C
Heat treatment	—
Tooth hardness	(less than 194HB)
Surface treatment	Black oxide coating



S5

Catalog Number	Module	No. of teeth	Shape	Bore			Face width	Allowable torque (N·m)		Allowable torque (kgf·m)	
				A _{H7}	C	D		Bending strength	Surface durability	Bending strength	Surface durability
SSAY1-20	m1	20	S5	6	20	22	6	3.45	0.20	0.35	0.021
SSAY1-24		24			26	4.48		0.30	0.46	0.030	
SSAY1-25		25			27	4.74		0.32	0.48	0.033	
SSAY1-28		28			30	5.55		0.41	0.57	0.042	
SSAY1-30		30			32	6.08		0.47	0.62	0.048	
SSAY1-32		32			34	6.63		0.54	0.68	0.055	
SSAY1-35		35		37	7.45	0.66	0.76	0.067			
SSAY1-36		36		38	7.73	0.70	0.79	0.071			
SSAY1-40		40		42	8.84	0.87	0.90	0.089			
SSAY1-45		45		47	10.3	1.12	1.05	0.11			
SSAY1-48	48	50	6	48	50	11.1	1.28	1.13	0.13		
SSAY1-50	50	52	8	50	52	11.7	1.39	1.19	0.14		
SSAY1-55	55	57	8	55	57	13.1	1.70	1.34	0.17		
SSAY1-56	56	58	8	56	58	13.4	1.77	1.37	0.18		
SSAY1-60	60	62	8	60	62	14.5	2.04	1.48	0.21		
SSAY1-70	70	72	8	70	72	17.4	2.82	1.78	0.29		
SSAY1-80	80	82	10	80	82	20.3	3.74	2.07	0.38		
SSAY1-100	100	102	10	100	102	26.2	5.98	2.67	0.61		

Backlash (mm)	Weight (kg)	Catalog Number
0.08~0.18	0.013	SSAY1-20
	0.020	SSAY1-24
	0.022	SSAY1-25
	0.028	SSAY1-28
	0.032	SSAY1-30
	0.037	SSAY1-32
	0.044	SSAY1-35
	0.047	SSAY1-36
	0.058	SSAY1-40
	0.074	SSAY1-45
0.084	SSAY1-48	
0.090	SSAY1-50	
0.11	SSAY1-55	
0.11	SSAY1-56	
0.13	SSAY1-60	
0.18	SSAY1-70	
0.23	SSAY1-80	
0.37	SSAY1-100	

Spur Gears
Helical Gears
Internal Gears
Racks
CP Racks & Pinions
Miter Gears
Bevel Gears
Screw Gears
Worm Gears
Gearboxes
Other Products

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Helical Gears
Internal Gears
Racks
CP Racks & Pinions
Miter Gears
Bevel Gears
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Gearboxes
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