



GABRIEL NBR090

(单位: mm)

NBR090	D1	D2	D3	D4	D5	D6	D7	L1	L2	L3	L4	L5	L6	L7
Single Section	100	7	22	80	30	M8×1.25P	116	90	48	10	2.5	32	3	10

Reducer Performance Information

NBR090	L8	L9	L10	C1*	C2*	C3*	C4*	C5*	C6*	C7*	C8*	C9*	C10*	B1	H1
Single Section	6	20	203	90	M5×0.8P	≤19/≤22	40	70	8	90	17	152.5	14.5	6	24.5

*Dimensions based on servo-motor, please contact us for custom made order.

Segment Number		Single Segment									
Ration	i	3	4	5	6	7	8	9	10	14	20
Rated Output Torque	Nm	90	120	150	140	120	100	100	100	140	100
Emergency Stop Torque	Nm	三倍额定输出力矩									
Rated Input Speed	rpm	4000									
Max. Input Speed	rpm	8000									
Ultraprecise Backlash	arcmin	≤2									
Precise Backlash	arcmin	≤4									
Standard Backlash	arcmin	≤6									
Torsional Rigidity	Nm/arcmin	14									
Maximum Bending Moment	N	3250									
Max. Axial Force	N	1625									
Service Life	hr	20000(连续运转为10000)									
Efficiency	%	≥95%									
Weight	kg	6.4									
Operating Temperature	℃	-10℃~+90℃									
Lubrication		合成润滑油脂									
Protection Class		IP64									
Mounting Position		任意方向									
Noise Level (N1=3000rpm, Non-Loaded)	dB (A)	≤65									
Rotary Inertia	kg·cm ²	2.25									1.87

★ Maximum output force 60%

▲ Output rotation speed 100rpm

