



Geared Motor

FEATURES

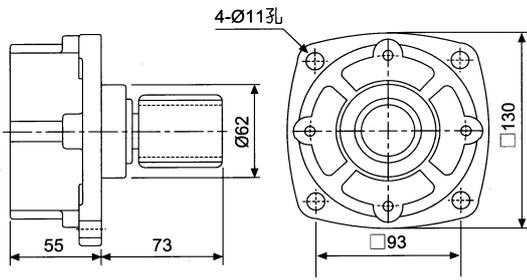
Gear Box – Made in Cast Iron(FC25), Gear is made in Ni-Cr-Mo alloy steel with carburization process. Pinion is made by alignment and grinding. Safety Factor>5.

Smooth Running – Patent Fly-wheel type soft start & stop mechanisms features a start with much vibration. It can extend the lifetime of gear.

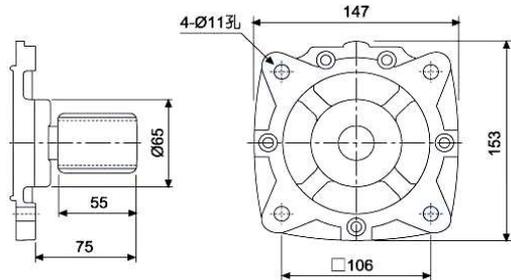
Motor – available with various voltages and insulation classification. Single speed is standard. Two speed hoist with 3 to 1 speed ratio is option. For even smoother acceleration and infinitely variable speed control, a frequency controller is also available for all standard mode.

DC Brake – disc brake having the braking torque >150% rated torque of motor . The brake is holden even if power failure.

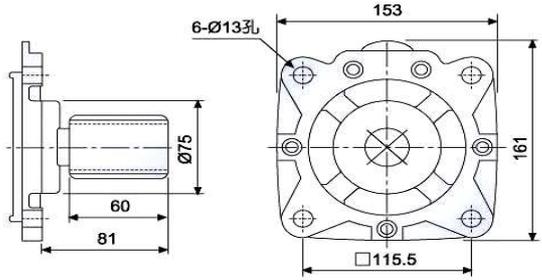


Order Code	Rated Power	No. Of Pole	Output Pinion Rated Speed(Rpm)		* Suitable Module Of Output Pinion
	(Kw)		50Hz	60 Hz	
SY-03A1	0.37	4	150	180	M3×13T
SY-03A2	0.25	6	90	120	
SY-03A3	0.18	8	75	90	

Order Code	Rated Power	No. Of Pole	Output Pinion Rated Speed(Rpm)		* Suitable Module Of Output Pinion
	(Kw)		50Hz	60 Hz	
SY-05LA1	0.4	4	176	210	M3×13T
SY-05LA2	0.3	6	115	140	
SY-05LA3	0.2	8	88	105	
SY-05LA4	0.4:0.18	4:8	176:88	210:105	

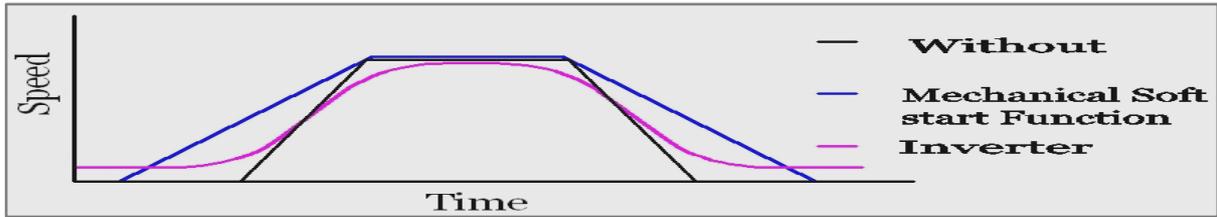
Order Code	Rated Power	No. Of Pole	Output Pinion Rated Speed(Rpm)		* Suitable Module Of Output Pinion
	(Kw)		50Hz	60 Hz	
SY-10LA1	0.75	4	161	194	M3.5×14T
SY-10LA2	0.6	6	106	128	M3.5×14T
SY-10LA4	0.4:0.13	4:12	161:53	194:64	M3×13T

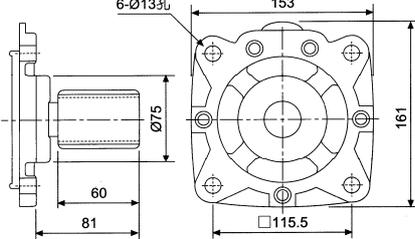


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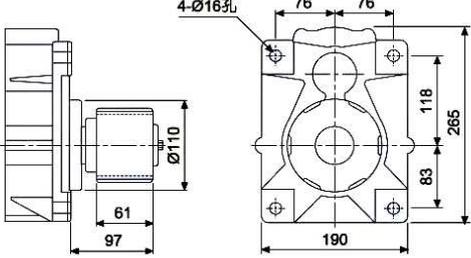
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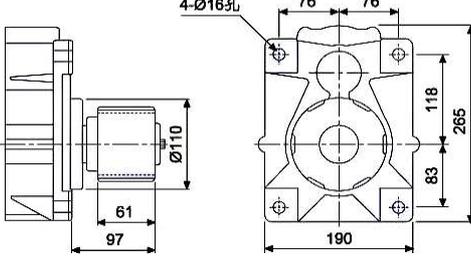


Order Code	Rated Power	No. Of Pole	Output Pinion Rated Speed(Rpm)		* Suitable Module Of Output Pinion
	(Kw)		(P)	50Hz	
SY-15LB1	1.1	4	189	228	M3 , M3.5 , M4 , M5
SY-15LB2	0.75	6	124	150	
SY-15LB3	0.6:0.3	4:8	189:94	228:114	
SY-15LB4	0.6:0.2	4:12	189:62	228:75	

Order Code	Rated Power	No. Of Pole	Output Pinion Rated Speed(Rpm)		* Suitable Module Of Output Pinion
	(Kw)		(P)	50Hz	
SY-20LA1	1.5	4	92	110	M4 , M5 , M6
SY-20LA2	1.1	6	61	73	
SY-20LA3	0.75:0.37	4:8	92:46	110:55	
SY-20LA4	0.75:0.25	4:12	92:30	110:36	
SY-20LB1	1.5	4P	129	154	
SY-20LB2	1.1	8P	85	100	
SY-20LB3	0.75:0.37	4P:8P	129:64	154:77	
SY-20LB4	0.75:0.25	4P:12P	129:42	154:55	

Order Code	Rated Power	No. Of Pole	Output Pinion Rated Speed(Rpm)		* Suitable Module Of Output Pinion
	(Kw)		(P)	50Hz	
SY-30LA1	2.2	4	92	110	M5×14T
SY-30LA2	1.5	6	61	73	M5×14T
SY-30LA3	1.5:0.75	4:8	92:46	110:55	M4×14T
SY-30LA4	1.5:0.5	4:12	92:30	110:36	M4×14T
SY-50LA1	3.75	4	92	110	M5×14T
SY-50LA2	2.2	6	61	73	
SY-50LA3	2.2:1.1	4:8	92:46	110:55	
SY-50LA4	2.2:0.75	4:12	92:30	110:36	