







Specification Chart

	SD-30	SD-50	SB-60	SE-80	SV-100	SV-125	SV-150
							
Relay			●				
Magnetic Switch	●	●	●	●	●	●	●
PCB Board (1 Phase only)	●	●		●			
Phase Available	Single/Three	Single/Three	Single/Three	Single/Three	Single/Three	Single/Three	Three
Brake System	Dual	Dual	Single	Dual	Dual	Dual	Dual
Power (HP)	1/4	1/2	1/2	3/4	1	1-1/2	1-1/2
Power (W)	180	360	300	560	750	750	1100
Pole (P)	4	4	4	6	6	6	6
Motor Speed (r.p.m.)	1780	1780	1780	1150	1150	1150	1150
Current at Single Phase (A)	1.8	3.7	2.5	3.5	3.0	3.0	3.6
Rating Time (min)	10	10	8	12	12	10	12
Temperature Protector	105	105	115	135	135	135	135
Output Shaft Rotation (r.p.m.)	35	35	33	23	17	17	17
Gear Transmission	Oblique Gear	Oblique Gear	Oblique Gear	Oil-immersed Gear	Planetary Gear	Planetary Gear	Planetary Gear
Material of Gear Box	Aluminum	Aluminum	Aluminum	Aluminum	Cast Iron	Cast Iron	Cast Iron
Driven Sprocket	9T	9T	9T	10T	9T (#60) 11T (80)	9T (#60) 11T (80)	9T (#60) 11T (80)
Chain	#50	#50	#50	#60	#60 Dual Row #80 Single Row	#60 Dual Row #80 Single Row	#60 Dual Row #80 Single Row
Length (mm)	480	500	510	570	615	626	626
Net Weight (kg)	11.5	12.8	14.7	30.0	35.2	36.5	37.6
Max. Loading by 4" Pipe (kg)	300	500	—	—	—	—	—
Max. Loading by 5" Pipe (kg)	240	400	600	800	—	—	—
Max. Loading by 6" Pipe (kg)	200	333	500	666	1000	1250	1500
Max. Loading by 8" Pipe (kg)	—	—	375	500	750	938	1125
Max. Loading by 10" Pipe (kg)	—	—	—	—	600	750	900