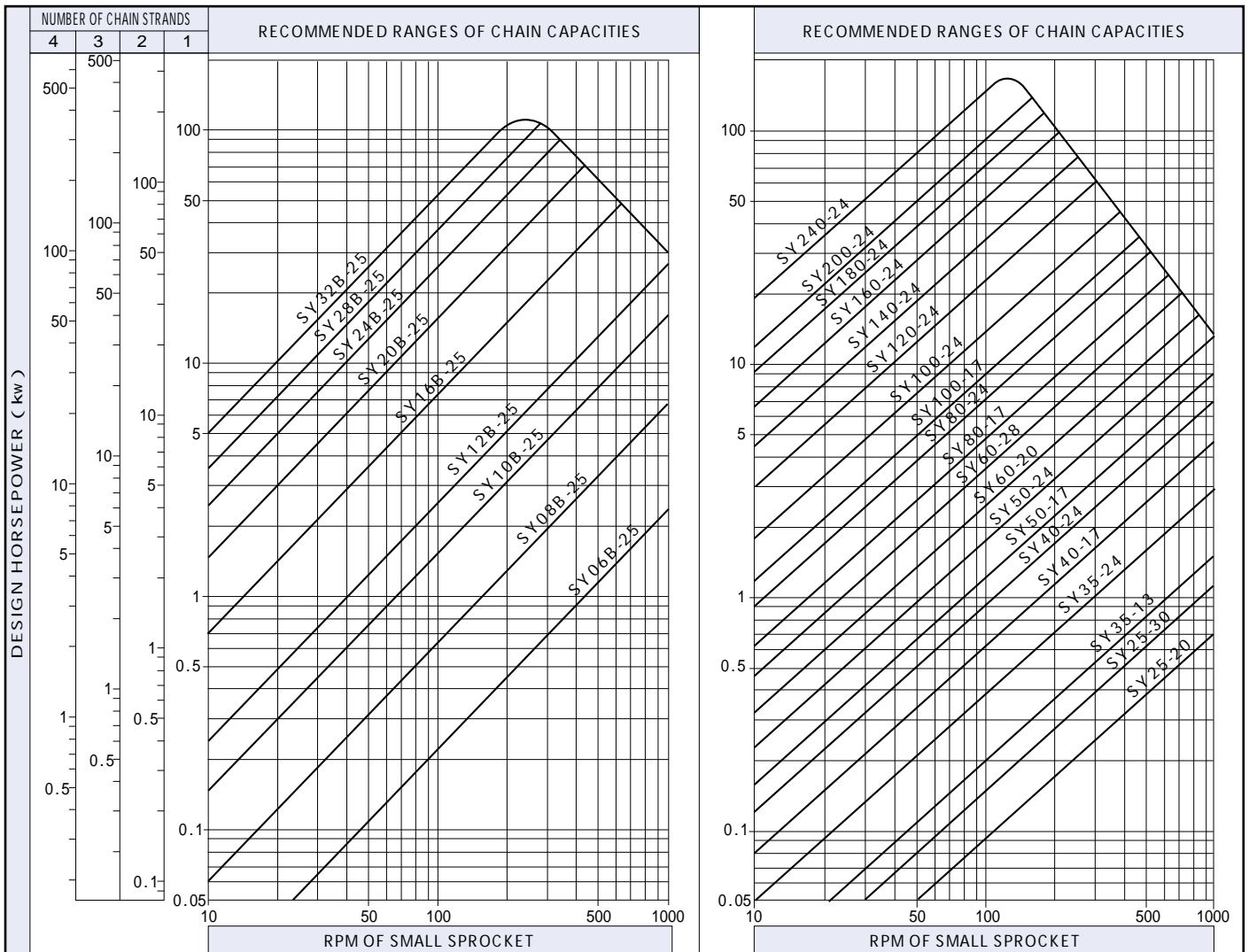


# Roller Chain Quick Selection Chart



## CONCISE SELECTION DATA

SY Chain No.	SY Standard(ANSI)		Each Series				
	Max. Allowable Load	Ave. Ultimate Strength	Ave. Ultimate Strength(kN)				
			E	U	H	HE	HU
35	2.16	10.8					
40	3.63	19.1					
50	6.28	31.9					
60	8.63	43.1	47.1		54.9	53.9	
80	14.7	78.5	79.4	84.3	60.2	93.2	98.1
100	22.6	118	119	127	137	142	145
120	30.4	167	174	186	186	191	196
140	40.2	216	227	245	241	252	255
160	53.0	275	294	314	306	319	324
180	57.9	353		412	373		
200	71.6	451		490	520		
240	98.1	677		726	726		

### f1: SERVICE FACTOR

Driven Load Condition	Interval Combustion Engine		Motor or Turbine
	Hydraulic Drive	Mechanical Drive	
Uniform Smooth	1.0	1.2	1.0
Moderate Shock	1.2	1.4	1.3
Heavy Shock	1.4	1.7	1.5

### f3: SPEED COEFFICIENT f4: SAFETY FACTOR

Chain Speed	f3	Chain Speed	f4
15m/min.	1.0	25m/min.	7
15 - 30	1.2	25 - 50	8
30 - 50	1.4		