

悬索桥主缆参数表

Stay cable specification

强度等级 Strength Grade: 1670MPa

规格型号 Specification	索股直径 Strand Diameter	钢束面积 Steel Wire Bundle Nominal Area	钢丝束单位重 Steel Wire Bundle unit Weight	破断索力 Nominal Broken Force	设计索力 Design Force (kN)	
	mm	mm ²	kg/m	kN	K=3	K=2.5
PPWS5-37	35	726.5	5.587	1213	404	485
PPWS5-61	45	1197.7	9.211	2000	667	800
PPWS5-91	55	1786.8	13.741	2984	995	1194
PPWS5-127	65	2493.6	19.177	4164	1388	1666
PPWS5-169	75	3318.3	25.519	5542	1847	2217
PPWS5-217	85	4260.8	32.767	7116	2372	2846
PPWS5-271	95	5321.1	40.921	8886	2962	3554

注：引自标准 Q / 320281PG 01-2010 《悬索桥主缆用索股》。

Note: quote the standard of Q / 320281PG 01-2010 <PPWS for main cable of the suspension bridge>.

强度等级 Strength Grade: 1770MPa

规格型号 Specification	索股直径 Strand Diameter	钢束面积 Steel Wire Bundle Nominal Area	钢丝束单位重 Steel Wire Bundle unit Weight	破断索力 Nominal Broken Force	设计索力 Design Force (kN)	
	mm	mm ²	kg/m	kN	K=3	K=2.5
PPWS5-37	35	726.5	5.587	1286	429	514
PPWS5-61	45	1197.7	9.211	2120	707	848
PPWS5-91	55	1786.8	13.741	3163	1054	1265
PPWS5-127	65	2493.6	19.177	4414	1471	1765
PPWS5-169	75	3318.3	25.519	5873	1958	2349
PPWS5-217	85	4260.8	32.767	7542	2514	3017
PPWS5-271	95	5321.1	40.921	9418	3139	3767

注：引自标准 Q / 320281PG 01-2010 《悬索桥主缆用索股》。

Note: quote the standard of Q / 320281PG 01-2010 <PPWS for main cable of the suspension bridge>.

强度等级 Strength Grade: 1860MPa

规格型号 Specification	索股直径 Strand Diameter	钢束面积 Steel Wire Bundle Nominal Area	钢丝束单位重 Steel Wire Bundle unit Weight	破断索力 Nominal Broken Force	设计索力 Design Force (kN)	
	mm	mm ²	kg/m	kN	k=3	k=2.5
PPWS5-37	35	726.5	5.587	1351	450	541
PPWS5-61	45	1197.7	9.211	2228	743	891
PPWS5-91	55	1786.8	13.741	3323	1107.8	1329
PPWS5-127	65	2493.6	19.177	4638	1546	1855
PPWS5-169	75	3318.3	25.519	6172	2057	2469
PPWS5-217	85	4260.8	32.767	7925	2642	3170
PPWS5-271	95	5321.1	40.921	9897	3299	3959

注：引自标准 Q / 320281PG 01-2010 《悬索桥主缆用索股》。

Note: quote the standard of Q / 320281PG 01-2010 <PPWS for main cable of the suspension bridge>.

强度等级 Strength Grade: 1960MPa

规格型号 Specification	索股直径 Strand Diameter	钢束面积 Steel Wire Bundle Nominal Area	钢丝束单位重 Steel Wire Bundle unit Weight	破断索力 Nominal Broken Force	设计索力 Design Force (kN)	
	mm	mm ²	kg/m	kN	K=3	K=2.5
PPWS5-37	35	726.5	5.587	1424	475	570
PPWS5-61	45	1197.7	9.211	2348	783	939
PPWS5-91	55	1786.8	13.741	3502	1167	1401
PPWS5-127	65	2493.6	19.177	4888	1629	1955
PPWS5-169	75	3318.3	25.519	6504	2168	2602
PPWS5-217	85	4260.8	32.767	8351	2784	3340
PPWS5-271	95	5321.1	40.921	10429	3476	4172

注：引自标准 Q / 320281PG 01-2010 《悬索桥主缆用索股》。

Note: quote the standard of Q / 320281PG 01-2010 <PPWS for main cable of the suspension bridge>.