

W1.61

**u' in equation for power,
taken from FLS data book on grinding**

sr no	material ground	grinding	lining	internal fittings	grinding media type	t/m ³	u'
	cement raw meal dry	coarse & medium	steel	none	balls	4.3	0.73
				none	rods	6	0.55
		fine	steel	none	balls	4.3	0.75
				danula	balls	4.3	0.66
	none			balls	4.5	0.73	
	none			cylpebs	4.7	0.73	
	none			minipebs	4.7	0.64	
	danula			balls	4.5	0.75	
	all	steel silex	none	ceramics	1.9	0.75	
			none	stone	1.5	0.75	
	slurry wet	coarse & medium	steel	none	balls	4.3	0.66
				none	rods	6	0.5
				danula	balls	4.3	0.67
				sonex	balls	4.3	0.59
fine		steel	none	balls	4.5	0.66	
			none	cylpebs	4.7	0.66	
			danula	balls	4.5	0.67	
			danula	cylpebs	4.7	0.67	
all		steel silex	none	ceramics	1.9	0.85	
			none	stone	1.5	0.85	
coal	coarse medium	steel	none	balls	4.3	0.69	
			none	balls	4.5	0.69	
			none	cylpebs	4.7	0.69	
			danula	cylpebs	4.7	0.71	
			lifters	stone	1.5	0.85	

source:FLS Manual
on Ball Mills