

Selection list according to AWWA C504-15 - Manual

GS 63.2 - GS 125.2
GS 160 - GS 250
GS 315 - GS 500

Type	Reduction gearing	Handwheel operation				Operating Nut/Buried service	
		Output torque ¹⁾		Related Handwheel Ø		Output torque ²⁾	
		max. Nm	max. ft-lb	mm	inch	max. Nm	max. ft-lb
GS 63.2	-	700	516	250	10"	700	516
GS 80.2	-	1,200	885	400	16"	1,200	885
GS 100.2	-	2,400	1,770	800	30"	2,400	1,770
	VZ 4	2,400	1,770	250	10"	-	-
GS 125.2	-	3,200	2,360	800	30"	4,500	3,319
	VZ 4	4,800	3,540	400	16"	-	-
GS 160	GZ 14 - 4:1	11,500	8,482	800	30"	11,500	8,482
	GZ 14 - 8:1	11,500	8,482	400	16"	11,500	8,482
GS 200	GZ 16 - 4:1	11,500	8,482	800	30"	16,600	12,244
	GZ 16 - 8:1	23,200	17,111	800	30"	22,500	16,595
	GZ 16 - 16:1	22,500	16,595	400	16"	22,500	16,595
GS 250	GZ 25 - 4:1	11,350	8,371	800	30"	16,200	11,949
	GZ 25 - 8:1	22,500	16,595	800	30"	32,400	23,897
	GZ 25 - 16:1	45,500	33,559	800	30"	45,000	33,190
GS 315	GZ 30 - 8:1	23,000	16,964	800	30"	32,900	24,266
	GZ 30 - 16:1	36,500	26,921	640	25"	63,000	46,466
	GZ 30 - 32:1	46,300	34,149	400	16"	-	-
GS 400	GZ 35 - 8:1	23,500	17,333	800	30"	33,500	24,708
	GZ 35 - 16:1	47,000	34,665	800	30"	67,000	49,417
	GZ 35 - 32:1	94,000	69,331	800	30"	125,000	92,195
GS 500	GZ 40 - 16:1	45,560	33,603	800	30"	65,000	47,942
	GZ 40 - 32:1	91,140	67,221	800	30"	129,900	95,809
	GZ 40/GZ 16 - 64:1	163,300	120,444	800	30"	-	-

Calculation according to AWWA specification C504-15:

1) At a rim pull of max. 356N (=80lb.) at the handwheel with diameter according to this list

2) At an input torque of max. 203Nm (= 150 ft-lb)

We reserve the right to alter data according to improvements made. Previous documents become invalid with the issue of this document.