



Big Torque Calls For Big Gear Couplings

When applications need to transmit large torques, Gear couplings have answered the call for years!

Ameridrives Fully Crowned Gear Couplings

When comparing coupling torque capacity to coupling diameter, Gear couplings are among the most torque dense couplings available. High torque applications include: Pressing, Stamping, Rolling, Hoist & Winch, Grinding, Cutting, Crushing, and Lifting.

SERVED INDUSTRIES

- Mining, Metal Processing, Paper, Wood Processing, Automotive, Food Processing, Material Handling, Transportation, and More!

FULLY CROWNED GEARING

- Highest Torque Capacity - up to 60,000,000 in-lbs. or more
- 3/4° of angular misalignment per gear mesh
- Axial slide capacity

DESIGN FLEXIBILITY

- Oring and Metal Seal options
- 1045 & 4140HT material options
- Interference and Hydraulic fit bore
- Single Key, Multiple Keyways, or Splined bore
- Retrofit to existing coupling or obsolete models





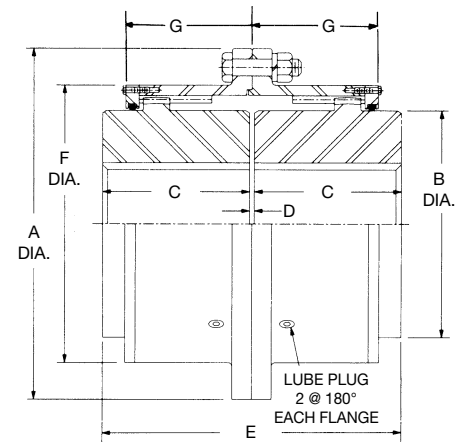
Ameridrives Fully Crowned Gear Couplings

FEATURES AND BENEFITS:

- Large gear couplings are found in a variety of high torque applications. Metal Forming, Hoist & Winch, Grinding, Cutting, Crushing, Lifting
- Coupling diameters 20" to 80" for shaft diameters 10" to 40"
- Large couplings can be made to standard dimensions or customized for application specific.
- Large couplings can also be manufactured to match up with an existing coupling.



Size 230 Gear Coupling, 80" diameter,
60,000,000 in-lbs of torque



SIZE 208 THRU 230

Series F Flexible Coupling

F Size	Load Capacity*		Parallel Offset Capacity In.	Dimensions									
	HP Per 100 RPM	Torque In.-Lbs. x10 ⁶		A	B	C	D	E	F	G	Opt. Bolt Through Seal Retainer		
											Parallel Offset	F'	G'
208	2,380	1.50	.164	23.25	15.62	9.75	.38	19.88	18.38	8.38	.164	20.62	8.38
209	2,700	1.70	.181	26.00	17.50	10.75	.50	22.00	20.50	9.19	.181	22.75	9.19
210	3,300	2.08	.200	28.00	19.00	12.00	.50	24.50	22.38	10.00	.200	25.12	10.00
211	5,800	3.65	.216	30.50	21.00	13.00	.50	26.50	24.75	10.91	.216	26.75	10.91
212	7,700	4.86	.228	33.00	23.00	14.00	.50	28.50	26.75	11.59	.228	28.75	11.59
213	10,000	6.31	.249	35.75	25.00	15.00	.75	30.75	28.75	12.47	.249	30.75	12.47
214	12,700	8.02	.262	38.00	27.00	16.00	.75	32.75	30.75	13.09	.262	32.75	13.09
215	15,300	9.65	.275	40.50	29.00	17.00	.75	34.75	32.75	13.72	.275	35.50	13.72
216	17,400	10.96	.203	44.50	30.50	18.00	1.00	37.00	35.50	11.34	.294	39.50	14.84
218	23,200	14.62	.203	48.50	34.50	20.00	1.00	41.00	39.50	11.47	.347	43.50	16.97
220	30,000	18.95	.203	52.50	38.50	22.00	1.00	45.00	43.50	11.59	.399	48.00	19.09
222	38,000	23.98	.203	58.00	42.50	24.00	1.00	49.00	48.00	11.75	.451	52.00	21.50
224	48,800	30.72	.203	62.88	46.50	26.00	1.00	53.00	52.00	11.91	.504	56.00	23.41
226	63,000	39.70	.203	69.00	50.00	28.00	1.00	57.00	57.00	12.22	.556	61.00	25.72
228	81,900	51.61	.203	73.00	54.00	30.00	1.00	61.00	61.00	12.69	.609	65.00	28.13
230	94,800	59.70	.203	77.00	58.00	32.00	1.00	65.00	65.00	12.69	.609	69.00	28.13

*If higher torque capacity is required and size is restricted, consult Ameridrives