



Example of Unit Identification

The three basic groups of digits of the API Pumping Unit Structure Size, with letter prefixes indicating the type and suffixes indicating optional variations, make up the pumping unit designations. For instance, with the GR-114-169-54-WE:

- GR.....prefix indicates that the unit is equipped with full equalizer, twin adjustable Type G cranks, and is roller bearing equipped.
- 114.....represents the API reducer size in thousands of inch-pounds torque. Units are available with 40,000 to 320,000 inch-pound torque gear sizes.
- 169.....gives the API beam capacity in hundreds of pounds. Units are furnished in beam capacities of 7,600 to 29,800 pounds.
- 54.....designates the API maximum stroke length in inches. Units with maximum stroke lengths of 26 to 120 inches are available.
- W.....suffix indicates that the unit is equipped with a wide base.
- E.....shows that the unit is equipped with electric motor base extension.

Pumping Units



SELECTION TABLE
"OILWELL" API "GR" SERIES PUMPING UNITS

MODEL NUMBER	API POLISHED ROD STROKE - INCHES	API POLISHED ROD LOAD CAPACITY - POUNDS
GR 40- 76-42 GR 57- 76-42	42, 34, 26	7,600
GR 40- 89-36 GR 57- 89-36	36, 26	8,900
GR 40- 89-42 GR 57- 89-42	42, 34, 26	8,900
GR 57- 95-48 GR 80- 95-48	48, 39, 30	9,500
GR 57-109-42 GR 80-109-42	42, 30	10,900
GR 57-109-48 GR 80-109-48	48, 39, 30	10,900
GR 80-119-54 GR 114-119-54	54, 44, 34	11,900
GR 80-133-48 GR 114-133-48	48, 36, 24	13,300
GR 80-133-54 GR 114-133-54	54, 44, 34	13,300
GR 114-143-64 GR 160-143-64	64, 53, 42	14,300
GR 114-169-54 GR 160-169-54	54, 42½, 31	16,900
GR 114-169-64 GR 160-169-64	64, 53, 42	16,900
GR 160-173-74 GR 228-173-74	74, 62, 50	17,300
GR 160-200-64 GR 228-200-64	64, 51, 38	20,000
GR 160-200-74 GR 228-200-74	74, 62, 50	20,000
GR 228-216-86 GR 320-212-86	86, 73, 60	21,200
GR 228-246-74 GR 320-246-74	74, 60, 46	24,600
GR 228-246-86 GR 320-246-86	86, 73, 60	24,600
GR 320-213-120	120, 102, 84	21,300
GR 320-256-100	100, 85, 70	25,600
GR 320-298-86	86, 71, 56	29,800
GR 320-298-100	100, 85, 70	29,800
GR 320-256-120	120, 102, 84	25,600