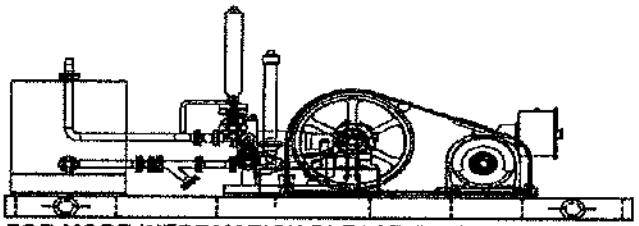
POWER ZONE
EQUIPMENT, INC.
46020 COUNTY ROAD E
CENTER, CO 81125



FOR MORE INFORMATION PLEASE CALL 719-754-1981

Manufacturer: Union **Model:** QX-300-3

HP	Max PSI	Stroke	Cyls.	Weight	Rod Load	MinPlunger	Pl.Increment	MaxPlunger	Suction	Discharge	min speed	max speed
300	2750	5	5	10000	12000	2	0.125	3	6"150# R.F.	3"1500# R.T.J.	50	359

Pumping capacity in Gallons per Minute:

Speed Increment: 50

Plunger dia	Area	Max PSI	Gal/Rev	Speed : RPM 100	150	200	250	300	350	359
2	3.142	2750	0.3400	34.00	51.01	68.01	85.01	102.01	119.02	122.08
2.125	3.547	2750	0.3839	38.39	57.58	76.78	95.97	115.16	134.36	137.81
2.25	3.977	2750	0.4304	43.04	64.56	86.07	107.59	129.11	150.63	154.50
2.375	4.431	2708	0.4795	47.95	71.93	95.90	119.88	143.85	167.83	172.15
2.5	4.909	2444	0.5313	53.13	79.70	106.26	132.83	159.40	185.96	190.74
2.625	5.413	2217	0.5858	58.58	87.87	117.16	146.44	175.73	205.02	210.29
2.75	5.940	2020	0.6429	64.29	96.43	128.58	160.72	192.87	225.01	230.80
2.875	**6.493**	**1848**	**0.7027**	**70.27**	**105.40**	**140.53**	**175.67**	**210.80**	**245.93**	**252.26**
3	7.070	1697	0.7651	76.51	114.76	153.02	191.27	229.53	267.78	274.67

Customers Pumping Requirement:

Volume:	252	GPM	Requires	359	RPMwith	2.875	" Plungers
Pressure:	1848	PSI					
Engine/Motor Speed:	1180	Drive Ratio Req'd		3.29			
Gear Ratio (if applicable)	1						
Horsepower Required:	302	Overall Utilization:		101%			