NEW PUMP MODELS

A Better Way to Pump it up

KUDU is now offering a variety of ways for you to pump up your operation. New pump models ranging from 1.4 to 160 m^3pd/100rpm are ready to get the most from your well. These cutting-edge pumps have several key advantages. A reduced rotor pitch and large minor diameter improves torque handling. These shorter cavity pitch lengths also reduce fluid velocity through the pump resulting in less erosion/wear and longer stator run life. The larger cavity cross section provides superior fluid inflow performance. The standard EUE stator connections are machined directly onto/into the stator tube, which eliminates the need for expensive crossovers and orbital tubes on most of the pump models.

Rotor Selection Guide

1.4	4	8	15	23	33	42	56	76	98	122	160	M^3/DAY @ 100 RPM
												ROTOR OPTIONS
1 ½"	2 ⅞"			3 ½"						4 ½"		SERIES

Elastomer Choices

MODEL	ELASTOMER DESCRIPTION	MAXIMUM TEMP. °C	ABRASION	H_2S RESISTANCE	CO_2 RESISTANCE	AROMATICS	WATER RESISTANCE	EXPLOSIVE DECOMP.
130	NBR (Medium)	80	9	5	5	5	8	5
140	NBR (Ultra High)	110	7	5	7	7	7	8
160	PFKM (Flourocarbon Copolymer)	150	8	8	8	6	8	6

5 = Average 7 = Good 10 = Best

KUDU

Even Better with EvenWall

KUDU's EvenWall pumps increase the efficiency of PCP's by expanding the current capabilities of conventional pumps. Pump run life is improved due to the elastomer swelling evenly enabling a consistent fit between the rotor and stator. There is also a reduction in elastomer swelling compared to traditional PCP's, which makes EvenWall well suited for high API applications. KUDU's EvenWall PCP's require less drive power for the same production rate and depth. For more information, please refer to the EvenWall brochure.

KUDU Progessing Cavity Pumps

SERIES	MODEL	DISPLACEMENT RATE AT 100 RPM AT ZERO HEAD (m^3/d)	PUMP PRESSURE RATING (m of H_2O)	PUMP O.D. (mm)	(in)	PUMP STATOR LENGTH (m)	(ft)
1 ½"	1.4 K 600	1.4	600	51	2.008	0.6	1.97
	1.4 K 1200	1.4	1200	51	2.008	1.2	3.94
	1.4 K 1800	1.4	1800	51	2.008	1.8	5.91
	1.4 K 2400	1.4	2400	51	2.008	2.4	7.87
2 ⅞"	4 K 600	4	600	80	3.150	0.60	1.97
	4 K 1200	4	1200	80	3.150	1.20	3.94
	4 K 1800	4	1800	80	3.150	1.80	5.91
	4 K 2400	4	2400	80	3.150	2.40	7.87
	8 K 600	8	600	90	3.543	0.78	2.56
	8 K 900	8	900	90	3.543	1.18	3.85
	8 K 1200	8	1200	90	3.543	1.55	5.09
	8 K 1800/1400	8	1800	90	3.543	2.35	7.71
	8 K 2400/1850	8	2400	90	3.543	3.13	10.27
	8 K 3600	8	3600	90	3.543	4.70	15.42
	15 K 600	15	600	90	3.543	1.39	4.56
	15 K 900	15	900	90	3.543	2.11	6.92
	15 K 1200	15	1200	90	3.543	2.79	9.15
	15 K 1800/1400	15	1800	90	3.543	4.23	13.88
	15 K 2400/1850	15	2400	90	3.543	5.62	18.44
	15 K 3600	15	3600	90	3.543	8.46	27.76
3 ½"	23 K 600	23	600	108	4.252	1.37	4.49
	23 K 900	23	900	108	4.252	2.06	6.77
	23 K 1200	23	1200	108	4.252	2.75	9.02
	23 K 1800	23	1800	108	4.252	4.12	13.52
	23 K 2400	23	2400	108	4.252	5.50	18.04
	23 K 3600	23	3600	108	4.252	8.25	27.07
	33 K 600	33	600	108	4.252	1.90	6.23
	33 K 900	33	900	108	4.252	2.85	9.35
	33 K 1200	33	1200	108	4.252	3.80	12.47
	33 K 1800	33	1800	108	4.252	5.70	18.70
	33 K 2400	33	2400	108	4.252	7.60	24.93
	33 K 3600	33	3600	108	4.252	11.40	37.40
	42 K 600	42	600	108	4.252	2.42	7.94
	42 K 900	42	900	108	4.252	3.63	11.91
	42 K 1200	42	1200	108	4.252	4.85	15.91
	42 K 1800	42	1800	108	4.252	7.27	23.85
	42 K 2400	42	2400	108	4.252	9.70	31.82
	56 K 600	56	600	108	4.252	3.23	10.60
	56 K 900	56	900	108	4.252	4.85	15.91
	56 K 1200	56	1200	108	4.252	6.45	21.16
	56 K 1500	56	1500	108	4.252	8.05	26.41
	56 K 1800	56	1800	108	4.252	9.70	31.82
	76 K 600	76	600	108	4.252	4.40	14.44
	76 K 900	76	900	108	4.252	6.60	21.65
	76 K 1200	76	1200	108	4.252	8.80	28.87
	76 K 1500	76	1500	108	4.252	11.00	36.09
	76 K 1800	76	1800	108	4.252	13.20	43.31
	98 K 600*	98	600	108	4.252	3.90	12.80
	98 K 1200*	98	1200	108	4.252	7.80	25.59
	98 K 1800*	98	1800	108	4.252	11.70	38.39
4 ½"	122 K 600	122	600	115	4.528	5.10	16.73
	122 K 1200	122	1200	115	4.528	10.20	33.46
	122 K 1800	122	1800	115	4.528	15.30	50.20
	160 K 600	160	600	127	5.00	5.80	19.03
	160 K 1200	160	1200	127	5.00	11.60	38.06
	160 K 1800	160	1800	127	5.00	17.40	57.09

**Only available as EvenWall*