

KUDU PCP

Positive displacement pump with a helical rotor spinning inside a fixed stator

APPLICATIONS

- Heavy, medium, and light oil wells
- Dewatering coalbed methane and conventional gas wells
- High-water-cut and sand-cut environments
- Highly corrosive wells
- Thermal applications
- Horizontal, slant, and directional wells
- Water source wells

BENEFITS

- Produces in high-viscosity and high-sand-concentration fluids
- Tolerates high percentage of free gas
- Resists abrasion
- Generates low levels of noise
- Reduces lifting cost
- Provides the highest overall efficiency in all artificial lift methods

FEATURES

- Smaller footprint than other forms of artificial lift systems
- High-capacity and high-head lift pumps
- Low internal shear rates to limit fluid emulsification through agitation
- No valves or reciprocating parts to clog, wear, or create gas lock
- Elastomers resistant to most crudes
- Various tag sub intakes
- Wide range of geometries
- Standard rotors with paddles to improve sand handling
- Standard EUE and NU stator connections machined directly onto the stator tube
- All-metal PCP using special metallurgy to resist wear and maximize run life
- Proprietary KUDU Tough Coat* corrosion- and abrasion-resistant rotor coating
- EVEN WALL uniform-elastomer PCP to ensure uniform elastomer thickness in the PCP stator
- Easy to install and operate
- Low maintenance required

KUDU PCP is a positive displacement pump with a single helical rotor, which rotates inside a double internal helical elastomer-lined stator. The stator is run into the well on the bottom of the production tubing, while the rotor is connected to the end of the rodstring. The rotor turns eccentrically in the stator, forming cavities from the intake at the bottom of the pump to the discharge at the top of the pump.

The PCP delivers a constant flow that is proportional to the size of the cavity and rotational speed of the rotor. Rotation of the rodstring at surface is powered by a hydraulic or electric drive system, which causes the rotor to spin within the fixed stator, resulting in fluid production at surface.

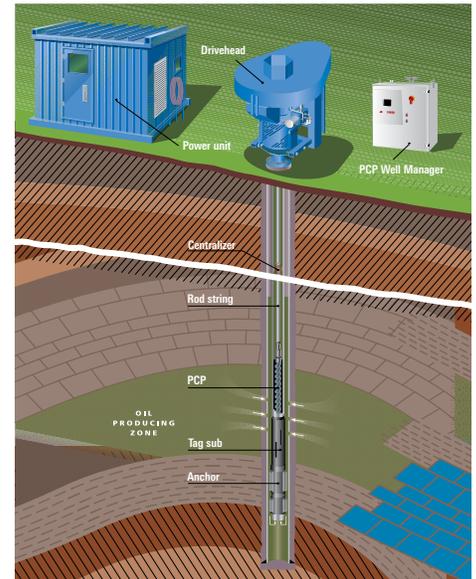
Schlumberger also offers a high-temperature package, featuring an all-metal PCP capable of withstanding the extreme downhole conditions of thermal recovery.

Elastomers

Proprietary elastomers provide significant improvements in bond strength, tear strength, abrasion resistance, gas and water resistance, and temperature ratings, expanding the use of PCPs to additional environments. Elastomers are primarily made up of nitrile, a copolymer of butadiene, and acrylonitrile. In addition, a fluorocarbon elastomer for greater resistance to aromatics and H₂S is available.

Rotors

The rotor is the moving component of a PCP and is held from the surface by the drive string, which is typically a conventional or continuous sucker rod. The amount or degree of interference fit is critical to the efficiency and life expectancy of the pump. Interference fit is changed by choosing a different rotor minor diameter.



KUDU PCP system components.



EVEN WALL PCP

EVEN WALL® uniform-elastomer PCP provides a uniform elastomer thickness, resulting in an even temperature distribution under swell conditions. Since the elastomer swells evenly, it enables a more consistent fit between the rotor and stator, ultimately improving pump performance.

KUDU Tough Coat Rotor Coating

KUDU Tough Coat rotor coating is a spray metal coating applied to PCP rotors. Rotors with this coating have significantly improved corrosion resistance compared to a typical chrome rotors, resulting in longer rotor life, increased production efficiency, and lower operating costs.

ISO 15136-1 Elastomer Requirements [†]	KUDU PCP
Material certification	Yes
Elastomer hardness testing	Yes
Elastomer bond testing	Yes
Stator phasing alignment	Yes
Documentation	Yes

[†]ISO compliance ensures manufacturers adhere to a strict process to ensure products are of high quality and meet specification requirements.

KUDU Elastomer Relative Specifications

Elastomer [†]	KUDU Reference	Hardness Shore A	Max. Temperature, degF [degC]	Sand Resistance	H ₂ S Resistance	CO ₂ Resistance	Aromatics	Hydrolysis	Explosive Decompression
High nitrile soft	HNS	55	176 [80]	8	6	5	3	7	6
High nitrile hard	HNH	68	248 [120]	6	7	7	7	5	8
Hydrogenated high nitrile hard	HHNH	80	284 [140]	5	7	8	8	8	8
Fluorocarbon hard	FKMH	78	194 [90]	2	8	6	9	9	5

[†]Not all elastomers are available for every pump model. Please contact a representative about elastomer and pump combinations to ensure the optimal elastomer selection. Elastomers are rated from 1 to 10, with 5 being average, 7 being good, and 10 being excellent. Maximum recommended pump speed is 300 rpm for FKM.

Rotor Selection Guide

	3	6	16	4	13	22	48	8	12	15	24	30 [†]	32	33	40	63	23	42	56 [†]	75	76	36	45	60	80	98 [†]	100	120	175	122	160	150	200	98	135	158	200		
m ³ /d at 100 rpm	3	6	16	4	13	22	48	8	12	15	24	30 [†]	32	33	40	63	23	42	56 [†]	75	76	36	45	60	80	98 [†]	100	120	175	122	160	150	200	98	135	158	200		
bbl/d at 100 rpm	19	38	101	25	82	138	302	50	75	94	151	189	201	208	252	396	145	264	352	472	478	226	283	377	503	616	629	755	1,101	767	1,006	944	1,258	616	849	994	1,258		
Rotor options																																							
Series, in [mm]	2.375 [60] EUE pin			2.875 [73] EUE pin			3.5 [89] EUE pin			3.5 [89] EUE box			4 [102] NU pin			4.5 [144] NU pin			4.5 [144] EUE pin			5 [127] casing short pin			5.5 [140] casing long pin			6.625 [168] BTC											

All technical specifications are deemed accurate, but situations may arise where additional information may be required. Please contact a representative for a technical consultation.

Rotor images are not to scale.

[†]Available with EVEN WALL PCP.

Ability to Coil Past Rotor with 0.75-in Coiled Tubing

Series, in [mm]	Model	Crest to Crest Diameter, in [mm]	Tubing Size: 2.875 [73]	Tubing Size: 3.5 [88.9]	Tubing Size: 4.5 [114.3]
			Tubing Weight: 6.5 lbm/ft [9.67 kg/m] Drift ID: 2.35 [59.61]	Tubing Weight: 9.3 lbm/ft [13.84 kg/m] Drift ID: 2.99 [72.82]	Tubing Weight: 12.75 lbm/ft [18.97 kg/m] Drift ID: 3.96 [97.36]
2.375 [60] EUE pin	3 K	1.41 [35.92]	Yes	Yes	Yes
	6 K	1.33 [33.78]	Yes	Yes	Yes
	16 K	1.46 [37.20]	Yes	Yes	Yes
2.875 [73] EUE pin	4 K	1.73 [44.00]	No	Yes	Yes
	13 K	1.78 [45.21]	No	Yes	Yes
	22 K	1.70 [43.18]	No	Yes	Yes
	48 K	1.69 [43.03]	No	Yes	Yes
	8 K	1.99 [50.6]	No	Yes	Yes
3.5 [89] EUE pin	12 K	1.99 [50.67]	No	Yes	Yes
	15 K	1.86 [47.37]	No	Yes	Yes
	24 K	2.01 [51.1]	No	Yes	Yes
	30 K	1.95 [49.58]	No	Yes	Yes
	32 K	2.01 [51.29]	No	Yes	Yes
	33 K	55.88 [2.20]	No	No	Yes
	40 K	2.01 [51.08]	No	Yes	Yes
	63 K	2.03 [51.44]	No	Yes	Yes
3.5 [89] EUE box	23 K	2.22 [56.46]	No	No	Yes
	42 K	2.20 [55.80]	No	No	Yes
	56 K	2.18 [55.40]	No	No	Yes
	75 K	2.56 [65.02]	No	Yes	Yes
	76 K	2.18 [55.30]	No	No	Yes
4 [102] NU pin	36 K	2.32 [58.90]	No	No	Yes
	45 K	2.29 [58.27]	No	No	Yes
	60 K	2.32 [58.80]	No	No	Yes
	80 K	2.27 [57.70]	No	No	Yes
	98 K EW	2.21 [56.12]	No	No	Yes
	100 K	2.31 [58.76]	No	No	Yes
	120 K	2.30 [58.29]	No	No	Yes
4.5 [114] NU pin	175 K	2.26 [57.48]	No	No	Yes
	122 K	2.45 [62.2]	No	No	Yes
4.5 [114] EUE pin	160 K	2.67 [67.82]	No	No	Yes
5 [127] Casing short pin	150 K	2.96 [75.21]	No	No	Yes
	200 K	2.96 [75.21]	No	No	Yes
5.5 [140] Casing long pin	98 K	2.83 [71.96]	No	No	Yes
	135 K	2.80 [71.07]	No	No	Yes
6.625 BTC	158 K	3.75 [95.25]	No	No	Yes
	200 K	3.75 [95.25]	No	No	Yes

KUDU PCP Specifications

Series, in [mm]	Model	Pump Nominal Capacity at 100 rpm at Zero Head, bbl/d [m ³ /d]	Pump Lift Rating, ft [m]	Stator Outside Diameter, in [mm]	Stator Length, ft [m]
2.375 [60] EUE pin	3 K 600	19 [3]	1,968 [600]	2.795 [71]	2.94 [0.90]
	3 K 1200	19 [3]	3,936 [1,200]	2.795 [71]	5.91 [1.80]
	3 K 2400	19 [3]	7,872 [2,400]	2.795 [71]	11.81 [3.60]
	6 K 650	38 [6]	2,132 [650]	2.795 [71]	4.28 [1.31]
	6 K 1300	38 [6]	4,264 [1,300]	2.795 [71]	8.56 [2.61]
	6 K 2000	38 [6]	6,560 [2,000]	2.795 [71]	12.84 [3.92]
	6 K 2600	38 [6]	8,528 [2,600]	2.795 [71]	17.13 [5.22]
	6 K 3300	38 [6]	10,827 [3,300]	2.795 [71]	21.42 [6.53]
	16 K 1200	101 [16]	3,936 [1,200]	2.795 [71]	17.73 [5.40]
	16 K 1600	101 [16]	5,248 [1,600]	2.795 [71]	23.64 [7.21]
	16 K 2000	101 [16]	6,560 [2,000]	2.795 [71]	29.53 [9.00]
	2.375 [60] EUE pin	3 K 600	19 [3]	1,968 [600]	2.795 [71]
3 K 1200		19 [3]	3,936 [1,200]	2.795 [71]	5.91 [1.80]
3 K 2400		19 [3]	7,872 [2,400]	2.795 [71]	11.81 [3.60]
6 K 650		38 [6]	2,132 [650]	2.795 [71]	4.28 [1.31]
6 K 1300		38 [6]	4,264 [1,300]	2.795 [71]	8.56 [2.61]
6 K 2000		38 [6]	6,560 [2,000]	2.795 [71]	12.84 [3.92]
6 K 2600		38 [6]	8,528 [2,600]	2.795 [71]	17.13 [5.22]
6 K 3300		38 [6]	10,827 [3,300]	2.795 [71]	21.42 [6.53]
16 K 1200		101 [16]	3,936 [1,200]	2.795 [71]	17.73 [5.40]
16 K 1600		101 [16]	5,248 [1,600]	2.795 [71]	23.64 [7.21]
16 K 2000		101 [16]	6,560 [2,000]	2.795 [71]	29.53 [9.00]
2.875 [73] EUE pin		4 K 600	25 [4]	1,968 [600]	3.150 [80]
	4 K 1200	25 [4]	3,936 [1,200]	3.150 [80]	3.94 [1.20]
	4 K 1800	25 [4]	5,904 [1,800]	3.150 [80]	5.91 [1.80]
	4 K 2400	25 [4]	7,872 [2,400]	3.150 [80]	7.87 [2.40]
	13 K 650	82 [13]	2,132 [650]	3.150 [80]	5.71 [1.74]
	13 K 1300	82 [13]	4,264 [1,300]	3.150 [80]	11.42 [3.48]
	13 K 1650	82 [13]	5,412 [1,650]	3.150 [80]	14.27 [4.35]
	13 K 2000	82 [13]	6,560 [2,000]	3.150 [80]	17.13 [5.22]
	13 K 2600	82 [13]	8,528 [2,600]	3.150 [80]	22.85 [6.97]
	13 K 3300	82 [13]	10,824 [3,300]	3.150 [80]	28.54 [8.7]
	22 K 600	138 [22]	1,968 [600]	3.390 [86]	8.56 [2.61]
	22 K 1200	138 [22]	3,936 [1,200]	3.390 [86]	17.14 [5.22]
	22 K 1400	138 [22]	4,592 [1,400]	3.390 [86]	19.68 [6.00]
	22 K 1500	138 [22]	4,920 [1,500]	3.390 [86]	21.39 [6.52]
	22 K 1800	138 [22]	5,904 [1,800]	3.390 [86]	25.69 [7.83]
	48 K 600	302 [48]	1,968 [600]	3.390 [86]	17.13 [5.22]
	48 K 900	302 [48]	2,952 [900]	3.390 [86]	25.69 [7.83]

	8 K 600 INT [†]	50 [8]	1,968 [600]	3.780 [96]	2.57 [0.78]
	8 K 450 CAN [†]	50 [8]	1,476 [450]	3.780 [96]	2.57 [0.78]
	8 K 900 INT	50 [8]	2,952 [900]	3.780 [96]	3.85 [1.18]
	8 K 700 CAN	50 [8]	2,296 [700]	3.780 [96]	3.85 [1.18]
	8 K 1200 INT	50 [8]	3,936 [1,200]	3.780 [96]	5.14 [1.57]
	8 K 950 CAN	50 [8]	3,116 [950]	3.780 [96]	5.14 [1.57]
	8 K 1800 INT	50 [8]	5,904 [1,800]	3.780 [96]	7.71 [2.35]
	8 K 1400 CAN	50 [8]	4,592 [1,400]	3.780 [96]	7.71 [2.35]
	8 K 2400 INT	50 [8]	7,872 [2,400]	3.780 [96]	10.27 [3.13]
	8 K 1850 CAN	50 [8]	6,068 [1,850]	3.780 [96]	10.27 [3.13]
	8 K 3000 INT	50 [8]	9,840 [3,000]	3.780 [96]	12.85 [3.92]
	8 K 2350 CAN	50 [8]	7,708 [2,350]	3.780 [96]	12.85 [3.92]
	8 K 3600 INT	50 [8]	11,808 [3,600]	3.780 [96]	15.42 [4.70]
	8 K 2800 CAN	50 [8]	9,184 [2,800]	3.780 [96]	15.42 [4.70]
3.5 [89] EUE pin	12 K 1200	76 [12]	3,936 [1,200]	3.780 [96]	8.90 [2.71]
	12 K 1500	76 [12]	4,920 [1,500]	3.780 [96]	11.88 [3.62]
	12 K 1800	76 [12]	5,904 [1,800]	3.780 [96]	13.36 [4.07]
	12 K 2400	76 [12]	7,872 [2,400]	3.780 [96]	17.80 [5.43]
	12 K 2600	76 [12]	8,528 [2,600]	3.780 [96]	19.29 [5.88]
	15 K 600 INT	94 [15]	1,968 [600]	3.780 [96]	4.37 [1.33]
	15 K 450 CAN	94 [15]	1,476 [450]	3.780 [96]	4.37 [1.33]
	15 K 900 INT	94 [15]	2,952 [900]	3.780 [96]	6.56 [2.00]
	15 K 700 CAN	94 [15]	2,296 [700]	3.780 [96]	6.56 [2.00]
	15 K 1200 INT	94 [15]	3,936 [1,200]	3.780 [96]	8.75 [2.67]
	15 K 950 CAN	94 [15]	3,116 [950]	3.780 [96]	8.75 [2.67]
	15 K 1800 INT	94 [15]	5,904 [1,800]	3.780 [96]	13.12 [4.00]
15 K 1400 CAN	94 [15]	4,592 [1,400]	3.780 [96]	13.12 [4.00]	
15 K 2400 INT	94 [15]	7,872 [2,400]	3.780 [96]	17.51 [5.34]	
15 K 1850 CAN	94 [15]	6,068 [1,850]	3.780 [96]	17.51 [5.34]	
15 K 3000 INT	94 [15]	9,840 [3,000]	3.780 [96]	21.85 [6.66]	
	15 K 2350 CAN	94 [15]	7,708 [2,350]	3.780 [96]	21.85 [6.66]
	15 K 3600 INT	94 [15]	11,808 [3,600]	3.780 [96]	26.26 [8.00]
	15 K 2800 CAN	94 [15]	9,184 [2,800]	3.780 [96]	26.26 [8.00]
3.5 [89] EUE pin	24 K 1300	151 [14]	4,264 [1,300]	3.780 [96]	13.35 [4.07]
	24 K 1500	151 [14]	4,920 [1,500]	3.780 [96]	15.55 [4.74]
	24 K 2000	151 [14]	6,560 [2,000]	3.780 [96]	20.01 [6.10]
	24 K 2600	151 [14]	8,528 [2,600]	3.780 [96]	26.71 [8.14]
	24 K 3300	151 [14]	10,824 [3,300]	3.780 [96]	33.37 [10.17]
	30 K 900 EW [†]	189 [30]	2,952 [900]	3.780 [96]	7.41 [2.26]
	30 K 1800 EW	189 [30]	5,904 [1,800]	3.780 [96]	14.83 [4.52]
	30 K 2700 EW	189 [30]	8,856 [2,700]	3.780 [96]	22.24 [6.78]
	30 K 3600 EW	189 [30]	11,808 [3,600]	3.780 [96]	29.66 [9.04]
	32 K 750	201 [32]	2,460 [750]	3.780 [96]	9.02 [2.75]
	32 K 1200	201 [32]	3,936 [1,200]	3.780 [96]	13.53 [4.13]
	32 K 1500	201 [32]	4,920 [1,500]	3.780 [96]	18.04 [5.50]
32 K 2200	201 [32]	7,216 [2,200]	3.780 [96]	17.07 [8.25]	
33 K 600	208 [33]	1,968 [600]	4.252 [108]	6.23 [1.90]	

Series, in [mm]	Model	Pump Nominal Capacity at 100 rpm at Zero Head, bbl/d [m ³ /d]	Pump Lift Rating, ft [m]	Stator Outside Diameter, in [mm]	Stator Length, ft [m]
3.5 [89] EUE pin	33 K 900	208 [33]	2,952 [900]	4.252 [108]	9.35 [2.85]
	33 K 1200	208 [33]	3,936 [1,200]	4.252 [108]	12.47 [3.80]
	33 K 1500	208 [33]	4,920 [1,500]	4.252 [108]	15.58 [4.75]
	33 K 1800	208 [33]	5,904 [1,800]	4.252 [108]	18.70 [5.70]
	33 K 2400	208 [33]	7,872 [2,400]	4.252 [108]	24.93 [7.60]
	33 K 3600	208 [33]	11,808 [3,600]	4.252 [108]	37.40 [11.40]
	40 K 600	252 [40]	1,968 [600]	3.780 [96]	9.02 [2.75]
	40 K 1200	252 [40]	3,936 [1,200]	3.780 [96]	18.04 [5.50]
	40 K 1400	252 [40]	4,592 [1,400]	3.780 [96]	21.03 [6.41]
	40 K 1500	252 [40]	4,920 [1,500]	3.780 [96]	22.56 [6.88]
	40 K 1800	252 [40]	5,904 [1,800]	3.780 [96]	27.07 [8.25]
	40 K 2400	252 [40]	7,872 [2,400]	3.780 [96]	36.09 [11.00]
	63 K 400	396 [63]	1,312 [400]	3.780 [96]	9.02 [2.75]
	63 K 800	396 [63]	2,696.16 [822]	3.780 [96]	18.04 [5.50]
	63 K 1200	396 [63]	3,936 [1,200]	3.780 [96]	27.07 [8.25]
	63 K 1600	396 [63]	5,248 [1,600]	3.780 [96]	36.09 [11.00]
	3.5 [89] EUE box	23 K 600	145 [23]	1,968 [600]	4.252 [108]
23 K 900		145 [23]	2,952 [900]	4.252 [108]	6.77 [2.06]
23 K 1200		145 [23]	3,936 [1,200]	4.252 [108]	9.02 [2.75]
23 K 1500		145 [23]	4,920 [1,500]	4.252 [108]	11.28 [3.44]
23 K 1800		145 [23]	5,904 [1,800]	4.252 [108]	13.52 [4.12]
23 K 2400		145 [23]	7,872 [2,400]	4.252 [108]	18.04 [5.50]
23 K 3600		145 [23]	11,808 [3,600]	4.252 [108]	27.07 [8.25]
42 K 600		264 [42]	1,968 [600]	4.252 [108]	7.94 [2.42]
42 K 900		264 [42]	2,952 [900]	4.252 [108]	11.91 [3.63]
42 K 1200		264 [42]	3,936 [1,200]	4.252 [108]	15.91 [4.85]
42 K 1500		264 [42]	4,920 [1,500]	4.252 [108]	19.88 [6.06]
42 K 1800		264 [42]	5,904 [1,800]	4.252 [108]	23.85 [7.27]
42 K 2400		264 [42]	7,872 [2,400]	4.252 [108]	31.82 [9.70]
56 K 600		352 [56]	1,968 [600]	4.252 [108]	10.60 [3.23]
56 K 900		352 [56]	2,952 [900]	4.252 [108]	15.91 [4.85]
56 K 1200		352 [56]	3,936 [1,200]	4.252 [108]	21.19 [6.46]
56 K 1500		352 [56]	4,920 [1,500]	4.252 [108]	26.51 [8.08]
56 K 1800	352 [56]	5,904 [1,800]	4.252 [108]	31.82 [9.70]	
56 K 1200 EW	352 [56]	3,936 [1,200]	4.252 [108]	13.78 [4.20]	
56 K 2400 EW	352 [56]	7,872 [2,400]	4.252 [108]	27.56 [8.40]	
3.5 [89] EUE box	75 K 800	472 [75]	2,624 [800]	4.50 [114]	15.08 [4.60]
	75 K 1600	472 [75]	5,250 [1,600]	4.50 [114]	29.50 [8.99]
	76 K 600	478 [76]	1,968 [600]	4.252 [108]	14.44 [4.40]
	76 K 900	478 [76]	2,952 [900]	4.252 [108]	21.65 [6.60]
	76 K 1200	478 [76]	3,936 [1,200]	4.252 [108]	28.87 [8.80]
	76 K 1500	478 [76]	4,920 [1,500]	4.252 [108]	36.09 [11.00]

Series, in [mm]	Model	Pump Nominal Capacity at 100 rpm at Zero Head, bbl/d [m ³ /d]	Pump Lift Rating, ft [m]	Stator Outside Diameter, in [mm]	Stator Length, ft [m]
4 [102] NU pin	36 K 1000	226 [36]	3,280 [1,000]	4.290 [109]	9.45 [2.88]
	36 K 1500	226 [36]	4,920 [1,500]	4.290 [109]	14.17 [4.32]
	36 K 2000	226 [36]	6,560 [2,000]	4.290 [109]	18.90 [5.76]
	36 K 3000	226 [36]	9,840 [3,000]	4.290 [109]	28.35 [8.64]
	45 K 1600	283 [45]	5,248 [1,600]	4.290 [109]	18.90 [5.76]
	45 K 2000	283 [45]	6,560 [2,000]	4.290 [109]	23.62 [7.20]
	45 K 2400	283 [45]	7,872 [2,400]	4.290 [109]	28.36 [8.64]
	60 K 600	377 [60]	1,968 [600]	4.290 [109]	9.45 [2.88]
	60 K 1200	377 [60]	3,936 [1,200]	4.290 [109]	18.90 [5.76]
	60 K 1500	377 [60]	4,920 [1,500]	4.290 [109]	23.62 [7.20]
	60 K 1800	377 [60]	5,904 [1,800]	4.290 [109]	28.35 [8.64]
	60 K 2400	377 [60]	7,872 [2,400]	4.290 [109]	37.79 [11.52]
	80 K 450	503 [80]	1,476 [450]	4.290 [109]	9.45 [2.88]
	80 K 900	503 [80]	2,952 [900]	4.290 [109]	18.90 [5.76]
	80 K 1150	503 [80]	3,772 [1,150]	4.290 [109]	23.62 [7.20]
	80 K 1350	503 [80]	4,428 [1,350]	4.290 [109]	28.35 [8.64]
	80 K 1800	503 [80]	5,904 [1,800]	4.290 [109]	37.79 [11.52]
	4 [102] NU pin	98 K 600 EW	616 [98]	1,968 [600]	4.252 [108]
98 K 1200 EW		616 [98]	3,936 [1,200]	4.252 [108]	25.59 [7.80]
98 K 1800 EW		616 [98]	5,904 [1,800]	4.252 [108]	38.39 [11.70]
100 K 400		629 [100]	1,312 [400]	4.290 [109]	9.45 [2.88]
100 K 800		629 [100]	2,624 [800]	4.290 [109]	18.90 [5.76]
100 K 1000		629 [100]	3,280 [1,000]	4.290 [109]	23.62 [7.20]
100 K 1200		629 [100]	3,936 [1,200]	4.290 [109]	28.35 [8.64]
100 K 1600		629 [100]	5,248 [1,600]	4.290 [109]	37.79 [11.52]
120 K 300		755 [120]	984 [300]	4.290 [109]	9.45 [2.88]
120 K 600		755 [120]	1,968 [600]	4.290 [109]	18.90 [5.76]
120 K 900		755 [120]	2,952 [900]	4.290 [109]	28.35 [8.64]
120 K 1200		755 [120]	3,936 [1,200]	4.290 [109]	37.79 [11.52]
120 K 1500		755 [120]	4,920 [1,500]	4.290 [109]	47.28 [14.41]
175 K 400		1,101 [175]	1,312 [400]	4.290 [109]	18.90 [5.76]
175 K 600		1,101 [175]	1,968 [600]	4.290 [109]	28.35 [8.64]
175 K 800		1,101 [175]	2,624 [800]	4.290 [109]	37.79 [11.52]
175 K 1000		1,101 [175]	3,280 [1,000]	4.290 [109]	47.24 [14.40]
4.5 [114] NU pin		122 K 600	767 [122]	1,968 [600]	4.528 [115]
	122 K 900	767 [122]	2,952 [900]	4.528 [115]	25.10 [7.65]
	122 K 1200	767 [122]	3,936 [1,200]	4.528 [115]	33.46 [10.20]
	122 K 1500	767 [122]	4,920 [1,500]	4.528 [115]	41.83 [12.75]
	122 K 1800	767 [122]	5,904 [1,800]	4.528 [115]	50.20 [15.30]

Series, in [mm]	Model	Pump Nominal Capacity at 100 rpm at Zero Head, bbl/d [m ³ /d]	Pump Lift Rating, ft [m]	Stator Outside Diameter, in [mm]	Stator Length, ft [m]
4.5 [114] EUE pin	160 K 600	1,006 [160]	1,968 [600]	5.000 [127]	19.03 [5.80]
	160 K 750	1,006 [160]	2,460 [750]	5.000 [127]	23.79 [7.25]
	160 K 900	1,006 [160]	2,952 [900]	5.000 [127]	28.54 [8.70]
	160 K 1050	1,006 [160]	3,444 [1,050]	5.000 [127]	33.30 [10.15]
	160 K 1200	1,006 [160]	3,936 [1,200]	5.000 [127]	38.06 [11.60]
5 [127] Casing short pin	150 K 800	944 [150]	2,624 [800]	5.433 [138]	18.57 [5.66]
	150 K 1000	944 [150]	3,280 [1,000]	5.433 [138]	23.23 [7.08]
	150 K 1200	944 [150]	3,936 [1,200]	5.433 [138]	27.85 [8.49]
	150 K 1600	944 [150]	5,248 [1,600]	5.433 [138]	37.14 [11.32]
	200 K 580	1,258 [200]	1,902.4 [580]	5.433 [138]	18.57 [5.66]
	200 K 860	1,258 [200]	2,820.8 [860]	5.433 [138]	27.85 [8.49]
	200 K 1150	1,258 [200]	3,772 [1,150]	5.433 [138]	37.14 [11.32]
5.5 [140] Casing long pin	98 K 800	616 [98]	2,624 [800]	5.50 [140]	13.83 [4.22]
	98 K 1600	616 [98]	5,250 [1600]	5.50 [140]	27.00 [8.23]
	135 K 750	850 [135]	2,460 [750]	5.00 [127]	19.42 [5.92]
	135 K 1500	850 [135]	4,920 [1,500]	5.00 [127]	38.09 [11.61]
6.625 [168] BTC	158 K 800	965 [158]	2,624 [800]	6.75 [171]	16.00 [4.88]
	158 K 1600	965 [158]	5,250 [1600]	6.75 [171]	31.33 [9.55]
	200 K 800	1,258 [200]	2,624 [800]	6.75 [171]	21.17 [6.45]
	200 K 1600	1,258 [200]	5,250 [1,350]	6.75 [171]	37.58 [11.46]

*INT = international; CAN = Canada; EW = EVEN WALL PCP

PCP models may vary depending on the location. Additional pump lengths and lifts are available upon request.

KUDU Tough Coat rotor coating and KUDU Top Tag* accurate rotor placement device are available for selected models. Please contact a representative for specific product offerings in your region.