

S630 Series 630 hp JIRO Enerflex

Kobelco 28LLNB @1800 RPM

DISCHARGE PRESSURE (psig)

	80	100	120	140	160	180	200	220	240	250
0	1.907, 282 3.65, 100%	1.889, 315 5, 100%	1.865, 347 5, 100%	1.839, 360 5, 100%	1.813, 412 5, 100%	1.785, 444 5, 100%	1.755, 476 5, 100%	1.725, 508 5, 100%	1.694, 540 5, 100%	1.677, 557 5, 100%
5	2.695, 306 2.9, 100%	2.671, 347 3.65, 100%	2.645, 388 3.65, 100%	2.627, 420 5, 100%	2.600, 452 5, 100%	2.571, 484 5, 100%	2.549, 516 5, 100%	2.517, 548 5, 100%	2.484, 581 5, 100%	2.469, 590 5, 99.3%
10	3.451, 325 2.2, 100%	3.426, 369 2.9, 100%	3.401, 413 3.65, 100%	3.372, 453 3.65, 100%	3.354, 492 5, 100%	3.341, 523 5, 100%	3.310, 555 5, 100%	3.279, 585 5, 100%	2.484, 590 5, 100%	2.363, 590 5, 86.3%
15	4.216, 325 2.2, 100%	4.182, 389 2.2, 100%	4.156, 432 2.9, 100%	4.130, 479 3.65, 100%	4.123, 519 3.65, 100%	4.092, 559 3.65, 100%	4.074, 590 5, 99.3%	3.504, 590 5, 94.5%	2.484, 590 5, 100%	2.488, 590 5, 66.7%
20	4.990, 325 2.2, 100%	4.948, 389 2.2, 100%	4.912, 453 2.2, 100%	4.886, 495 2.9, 100%	4.891, 543 3.65, 100%	4.858, 585 3.65, 100%	4.380, 590 3.79, 96.2%	3.827, 590 3.79, 91.8%	3.227, 590 5, 75.1%	2.820, 590 5, 58.5%
25	5.778, 325 2.2, 100%	5.721, 389 2.2, 100%	5.680, 453 2.2, 100%	5.683, 518 2.2, 100%	5.655, 558 2.9, 100%	5.406, 590 3.11, 98.4%	4.827, 590 3.79, 94.4%	4.302, 590 3.79, 90.7%	3.557, 590 3.79, 68.8%	3.234, 590 3.79, 57.5%
30	6.631, 325 2.2, 100%	6.504, 389 2.2, 100%	6.454, 453 2.2, 100%	6.461, 518 2.2, 100%	6.419, 582 2.2, 100%	5.972, 590 3.11, 97.3%	5.341, 590 3.11, 93.4%	4.733, 590 3.79, 89.6%	3.985, 590 3.79, 66.6%	3.567, 590 3.79, 53.7%
35		7.303, 389 2.2, 100%	7.234, 453 2.2, 100%	7.244, 518 2.2, 100%	7.199, 582 2.2, 100%	6.431, 590 2.32, 95.8%	5.938, 590 3.11, 93.1%	5.150, 590 3.11, 85.2%	4.333, 590 3.79, 62.6%	4.004, 590 3.79, 53.6%
40		8.169, 389 2.2, 100%	8.025, 453 2.2, 100%	8.030, 518 2.2, 100%	7.983, 582 2.2, 100%	7.167, 590 2.32, 96.0%	6.334, 590 2.32, 91.9%	5.769, 590 3.11, 86.6%	4.890, 590 3.11, 64.9%	4.423, 590 3.11, 53.3%
45			8.897, 453 2.2, 100%	8.820, 518 2.2, 100%	8.772, 582 2.2, 100%	7.912, 590 2.32, 96.2%	7.036, 590 2.32, 92.2%	6.059, 590 2.32, 80.9%	5.359, 590 3.11, 64.5%	4.882, 590 3.11, 53.7%
50			9.710, 453 2.2, 100%	9.620, 518 2.2, 149%	9.560, 582 2.2, 100%	8.620, 590 2.32, 96.2%	7.749, 590 2.32, 92.6%	6.761, 590 2.32, 83.6%	5.693, 590 2.32, 61.5%	5.347, 590 3.11, 54.1%
55				10.610, 518 2.2, 100%	10.36, 582 2.2, 100%	9.375, 590 2.32, 96.3%	8.382, 590 2.32, 92.5%	7.488, 590 2.32, 86.8%	6.338, 590 2.32, 64.8%	5.874, 590 2.32, 55.9%
60				11.330, 519 2.2, 100%	11.170, 582 2.2, 100%	10.14, 590 2.32, 96.4%	9.112, 590 2.32, 92.8%	8.051, 590 2.32, 86.4%	7.010, 590 2.32, 68.1%	6.387, 590 2.32, 57.0%
65					12.090, 583 2.2, 100%	10.88, 590 2.32, 96.5%	9.83, 590 2.32, 93.0%	8.782, 590 2.32, 89.0%	7.530, 590 2.32, 68.3%	7.023, 590 2.32, 59.9%
70						11.63, 590 2.32, 96.5%	10.48, 590 2.32, 93.0%	9.349, 590 2.32, 88.6%	8.235, 590 2.32, 71.2%	7.551, 590 2.32, 60.8%
75						12.39, 590 2.32, 96.6%	11.23, 590 2.32, 93.2%	10.180, 590 2.32, 90.2%	8.782, 590 2.32, 71.8%	8.237, 590 2.32, 63.8%
80								10.910, 590 2.32, 90.5%	9.493, 590 2.32, 74.4%	8.757, 590 2.32, 64.2%

Suction Pressure psig

Flow mmscfd
 Horse Power (590hp Usable)
 Vi
 Turn Valve

Operating Conditions: Ambient Temperature 95 deg. F: Inlet Temperature 60 deg.F:
 Elevation 2500 feet: SG = 0.65: RPM = 1800
 This chart is created by Jiro Engineering