



Input shaft speed code min-1		Triplex Plunger Pump, Model HS3Z75-100											
1480		123		185		235		264		348		426	
Plunger mm	Pressure MPa	Capacity	Power	Capacity	Power	Capacity	Power	Capacity	Power	Capacity	Power	Capacity	Power
		L/min M ³ /h	Required kW	L/min M ³ /h	Required kW	L/min M ³ /h	Required kW	L/min M ³ /h	Required kW	L/min M ³ /h	Required kW	L/min M ³ /h	Required kW
12	200	4.18 0.25	17	6.27 0.38	25	7.97 0.48	32	8.96 0.54	36	11.80 0.71	47	14.45 0.87	58
16	100	7.44 0.45	15	11.15 0.67	22	14.16 0.85	28	15.93 0.95	32	20.98 1.26	42	25.68 1.54	51
20	70	11.62 0.70	16	17.43 1.04	24	22.13 1.33	31	24.90 1.49	35	32.78 1.96	46	40.13 2.40	56
24	50	16.73 1.00	17	25.09 1.50	25	31.87 1.91	32	35.85 2.15	36	47.21 2.83	47	57.79 3.46	58
28	40	22.77 1.36	18	34.16 2.05	27	43.37 2.60	35	48.80 2.92	39	64.25 3.85	51	78.65 4.71	63
30	30	26.14 1.57	16	39.21 2.35	24	49.79 2.98	30	56.02 3.35	34	73.76 4.42	44	90.29 5.41	54
32	16	29.74 1.78	10	44.61 2.67	14	56.65 3.39	18	63.73 3.82	20	83.92 5.03	27	102.73 6.15	33
35	15	35.58 2.13	11	53.37 3.20	16	67.77 4.06	20	76.24 4.57	23	100.39 6.01	30	122.90 7.36	37
45	13	58.82 3.52	15	88.22 5.28	23	112.03 6.71	29	126.03 7.55	33	165.96 9.94	43	203.15 12.16	53
50	10	72.61 4.35	15	108.92 6.52	22	138.31 8.28	28	155.60 9.32	31	204.89 12.27	41	250.81 15.02	50
55	8	87.86 5.26	14	131.79 7.89	21	167.35 10.02	27	188.27 11.27	30	247.91 14.84	40	303.48 18.17	49
60	7	104.56 6.26	15	156.84 9.39	22	199.17 11.93	28	224.06 13.42	31	295.03 17.67	41	361.16 21.63	51
65	6	122.72 7.35	15	184.07 11.02	22	233.74 14.00	28	262.96 15.75	32	346.26 20.73	42	423.86 25.38	51
70	5	142.32 8.52	14	213.48 12.78	21	271.09 16.23	27	304.97 18.26	30	401.57 24.05	40	491.58 29.44	49
72	4	150.57 9.02	12	225.85 13.52	18	286.80 17.17	23	322.65 19.32	26	424.85 25.44	34	520.07 31.14	42

1 bar = 14.5038 psi = 0.1 Mpa; 1 L/min = 0.26417 usgpm = 0.221 ipgm; 1 kW = 1.3410 hp; 1 mm = 0.03937 inch