



Input shaft speed code min-1		Triplex Plunger Pump, Model HS3Z90									
1480		235		311		340		469		513	
Plunger mm	Pressure MPa	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
30	50	44.83 2.68	45	59.32 3.55	59	64.86 3.88	65	89.46 5.36	89	97.86 5.86	98
32	45	51.00 3.05	46	67.50 4.04	61	73.79 4.42	66	101.79 6.10	92	111.34 6.67	100
35	40	61.02 3.65	49	80.75 4.84	65	88.28 5.29	71	121.77 7.29	97	133.19 7.98	107
38	35	71.92 4.31	50	95.18 5.70	67	104.06 6.23	73	143.54 8.60	100	157.01 9.40	110
40	30	79.69 4.77	48	105.47 6.32	63	115.30 6.90	69	159.05 9.52	95	173.97 10.42	104
42	28	87.86 5.26	49	116.28 6.96	65	127.12 7.61	71	175.35 10.50	98	191.80 11.49	107
45	25	100.86 6.04	50	133.48 7.99	67	145.93 8.74	73	201.29 12.05	101	220.18 13.18	110
48	22	114.76 6.87	50	151.87 9.09	67	166.03 9.94	73	229.03 13.71	101	250.51 15.00	110
50	20	124.52 7.46	50	164.79 9.87	66	180.16 10.79	72	248.51 14.88	99	271.83 16.28	109
52	18	134.68 8.06	48	178.24 10.67	64	194.86 11.67	70	268.79 16.10	97	294.01 17.61	106
55	16	150.67 9.02	48	199.40 11.94	64	217.99 13.05	70	300.70 18.01	96	328.91 19.70	105
58	15	167.55 10.03	50	221.74 13.28	67	242.42 14.52	73	334.40 20.02	100	365.77 21.90	110
60	14	179.31 10.74	50	237.30 14.21	66	259.43 15.53	73	357.86 21.43	100	391.43 23.44	110
62	13	191.46 11.46	50	253.38 15.17	66	277.01 16.59	72	382.11 22.88	99	417.96 25.03	109
65	12	210.44 12.60	51	278.50 16.68	67	304.47 18.23	73	419.98 25.15	101	459.39 27.51	110

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