



Input shaft speed code min-1		Triplex Plunger Pump, Model HS3H70									
1480		252		381		440		470		567	
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
20	150	16.62 1.00	50	25.12 1.50	75	29.01 1.74	87	30.98 1.86	93	37.41 2.24	112
18	140	13.46 0.81	38	20.35 1.22	57	23.50 1.41	66	25.09 1.50	70	30.30 1.81	85
25	80	25.96 1.55	42	39.25 2.35	63	45.33 2.71	73	48.41 2.90	77	58.45 3.50	94
28	70	32.57 1.95	46	49.24 2.95	69	56.87 3.41	80	60.72 3.64	85	73.31 4.39	103
30	60	37.39 2.24	45	56.53 3.38	68	65.28 3.91	78	69.71 4.17	84	84.16 5.04	101
35	45	50.89 3.05	46	76.94 4.61	69	88.85 5.32	80	94.88 5.68	85	114.55 6.86	103
38	40	59.99 3.59	48	90.69 5.43	73	104.74 6.27	84	111.84 6.70	89	135.03 8.09	108
40	35	66.47 3.98	47	100.49 6.02	70	116.05 6.95	81	123.93 7.42	87	149.62 8.96	105
45	30	84.12 5.04	50	127.19 7.62	76	146.88 8.80	88	156.84 9.39	94	189.37 11.34	114
50	25	103.86 6.22	52	157.02 9.40	79	181.34 10.86	91	193.63 11.59	97	233.78 14.00	117
55	20	125.67 7.52	50	189.99 11.38	76	219.42 13.14	88	234.30 14.03	94	282.88 16.94	113
60	15	149.55 8.96	45	226.11 13.54	68	261.12 15.64	78	278.83 16.70	84	336.65 20.16	101
62	10	159.69 9.56	32	241.43 14.46	48	278.82 16.70	56	297.73 17.83	60	359.47 21.53	72
65	8	175.52 10.51	28	265.36 15.89	42	306.46 18.35	49	327.24 19.60	52	395.10 23.66	63
66	6	180.96 10.84	22	273.59 16.38	33	315.96 18.92	38	337.39 20.20	40	407.35 24.39	49

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