



Input shaft speed code min-1		Triplex Plunger Pump, Model HS3P80										Gray area: 1. Long time operation is not recommended. 2. The medium is at room temperature.					
1480		93		185		235		296		370		417		470			
Plunger mm	Pressure MPa	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	L/min M ³ /h	Required kW	L/min M ³ /h	Required kW
18	80	5.65 0.34	9	11.29 0.68	18	14.34 0.86	23	18.07 1.08	28.9	22.59 1.35	36	25.45 1.52	41	28.68 1.72	45.9		
21	70	7.69 0.46	11	15.37 0.92	22	19.52 1.17	27	24.59 1.47	34.4	30.74 1.84	43	34.64 2.07	48	39.04 2.34	54.7		
23	58	9.22 0.55	11	18.44 1.10	21	23.41 1.40	27	29.50 1.77	34.2	36.88 2.21	43	41.55 2.49	48	46.83 2.80	54.3		
25	50	10.89 0.65	11	21.78 1.30	22	27.66 1.66	28	34.85 2.09	34.9	43.57 2.61	44	49.09 2.94	49	55.32 3.31	55.3		
28	38	13.66 0.82	10	27.33 1.64	21	34.70 2.08	26	43.72 2.62	33.2	54.65 3.27	42	61.58 3.69	47	69.40 4.16	52.7		
34	25	20.15 1.21	10	40.29 2.41	20	51.16 3.06	26	64.47 3.86	32.2	80.58 4.83	40	90.80 5.44	45	102.33 6.13	51.2		
40	20	27.88 1.67	11	55.77 3.34	22	70.81 4.24	28	89.23 5.34	35.7	111.53 6.68	45	125.67 7.53	50	141.63 8.48	56.7		
42	15	30.74 1.84	9	61.48 3.68	18	78.07 4.68	23	98.37 5.89	29.5	122.96 7.36	37	138.55 8.30	42	156.15 9.35	46.8		
48	13	40.15 2.40	10	80.30 4.81	21	101.97 6.11	27	128.49 7.69	33.4	160.61 9.62	42	180.97 10.84	47	203.95 12.21	53.0		
56	10	54.65 3.27	11	109.30 6.55	22	138.80 8.31	28	174.88 10.47	35.0	218.60 13.09	44	246.31 14.75	49	277.59 16.62	55.5		
68	6	80.58 4.83	10	161.16 9.65	19	204.65 12.25	25	257.86 15.44	30.9	322.33 19.30	39	363.19 21.75	44	409.31 24.51	49.1		
75	5	98.03 5.87	10	196.05 11.74	20	248.96 14.91	25	313.69 18.78	31.4	392.11 23.48	39	441.81 26.46	44	497.91 29.82	49.8		
80	4	111.53 6.68	9	223.07 13.36	18	283.26 16.96	23	356.90 21.37	28.6	446.13 26.71	36	502.68 30.10	40	566.52 33.92	45.3		
85	3	125.91 7.54	8	251.82 15.08	15	319.77 19.15	19	402.91 24.13	24.2	503.64 30.16	30	567.48 33.98	34	639.54 38.30	38.4		
88	2	134.95 8.08	5	269.91 16.16	11	342.74 20.52	14	431.86 25.86	17.3	539.82 32.32	22	608.25 36.42	24	685.48 41.05	27.4		

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