



Motor Model	Power	A	H	B	C	D
Y225S-4	37	1400	765	700	650	1100
Y225M-4	45	1400	765	700	650	1100
Y250M-4	55	1500	765	700	650	1100
Y280S-4	75	1600	820	940	884	1228
Y280M-4	90	1600	820	940	884	1228

Triplex Plunger Pump Installation Drawing

6. High pressure water pump

1	Pump Designation		GGH high pressure water pump					1			
2	KKS-No.:		Unit 5:50HTQ10AP001 Unit 6:60HTQ10AP001					2			
3	Number	Pump Type		Manufacturer		Drive		3			
4	2	Reciprocating three plunger pump		Tianjin Haisheng pump making Co., Ltd		LV Motor		4			
5	X	General	Installation:	() Indoor, (X) Outdoor, () Roofed		O	Pipeline interface	Inlet pipe diameter	NPS 2.5"	5	
6	O		Equipment name	High pressure water pump		O		Inlet pipe pressure class	150LB	6	
7	O		Equipment type	Reciprocating plunger pump		O		Inlet Connection form	ANSI Flange	7	
8	O		Equipment size	HS9045A		O		Outlet pipe diameter	NPS 2"	8	
9	O		Weight	1750	kg	O		Outlet pipe pressure class	1500LB	9	
10	X		Medium type	Equate tap Water		O		Outlet Connection form	Weld joint	10	
11	X		Inlet pressure	6	bar	O		Drain pipe diameter	NPS 1"	11	
12	X		Pump flow quantity	215	L/min	O		Drain Connection form	Soft pipe coupling	12	
13	O		Pump Speed	500	rpm	O		Pump cylinder	304	13	
14	O	Equipment operating and performance	Pump outlet pressure	200	bar	O	Material	Plunger	304	14	
15	O		Shaft Power	73	kW	O		Baseplate	Q235B	15	
16	O		Safety valve setting pressure	220	bar	O		Voltage	380	V	16
17	O		Plunger diameter	45	mm	O	Motor data	Phase	3	17	
18	O		Lubrication	Forced lubrication	-	O		Frequency	50	Hz	18
19	O		Rated Motor Power	90 KW	kW	O		Rated power	90	kW	19
20	O		Sound Press. Level (1 m)	85	dB(A)	O		Speed	1480	rpm	20
21	O		Vibration speed	8	mm/s	O		Protection grade	IP55W OR IP56		21
X = given by contractor; O = given by sub-contractor											