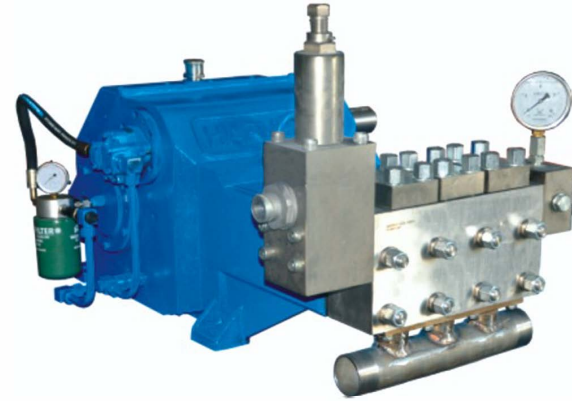


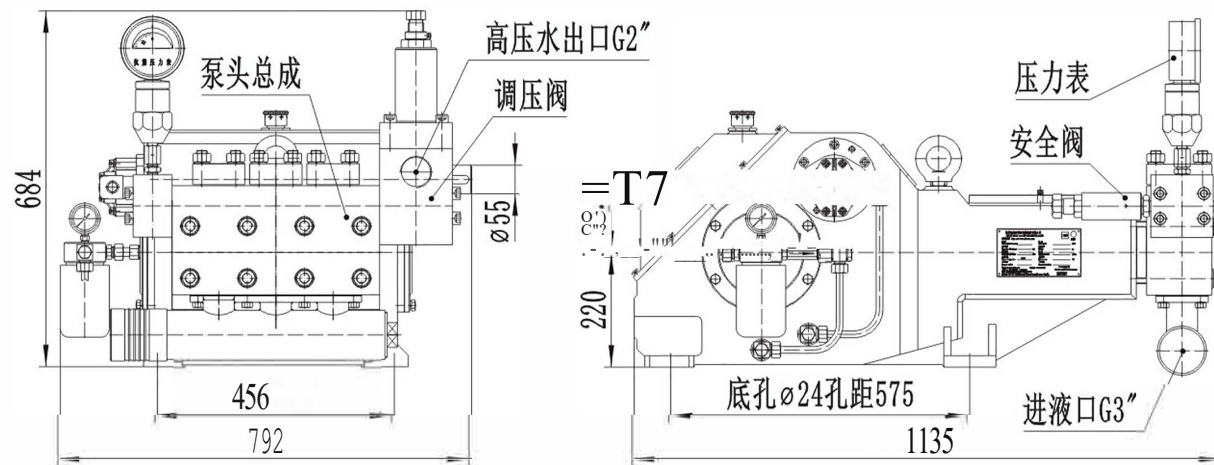
3D2C-S Model

### 3D2C-S Model

3D2C-S series high pressure pumps are improved on the basis of the pump 3D2A-S which are large flow plunger pumps with power max. 110kW and flow max. 415L/min. These pumps are applied to metallurgy dephosphorization, secondary oil recovery in oilfields, tertiary oil injection, injection, ground power source for hydraulic plunger pumps and other industrial applications requiring large flow rates. It can pump clear water, emulsion, and other chemical liquid similar with clear water.



Rotational Per Min		RPM	1480			Piston Distance mm	100
Gear Reduction Ratio		i	3.54			Pump Speed r/min	418
Power kW		75	90	110	Piston Diameter mm		
Rated Flow		Rated Pressure MPa					
m <sup>3</sup> /h	L/min						
14.76	246	16	19	24	50		
17.82	297	13	16	19	55		
21.24	354	11	14	16	60		
24.90	415	9.5	11	14	65		
Pump GW: 630kg		Base Holder GW: 140kg			Liquid Input Position: OG3"		



3DK-S Model

### 3DK-S Model

3DK-S series high pressure pumps are small in size and compact in structure; power ends adopt splash or forced lubrication with a stable and reliable transmission, reducing the friction coefficient and improving the lubricity; power ends temperature rise are low, suitable for long time continuous operation; it can pump clear water, emulsion, and other chemical liquid similar with clear water. These pumps are applied to coal excavation with high pressure water jetting, hydraulic liquid supply under the well, high pressure water jetting, metallurgy descaling, powder metallurgy, ship hull derusting, basic engineering, liquid transportation, engineering and pressure test for various rubber hose, metal tube and oilfield drilling equipment as well.



The liquid ends are improved on the basis of our pump 3O2-S and the discharged pressure is increased to 700bar, which can be suited for more applications.

Rotational Per Min		RPM	1480					Piston Distance mm	95					
Gear Reduction Ratio		i	3.652					Gear Reduction Ratio	i					2.963
Pump Speed		r/min	405					Pump Speed	r/min					500
Power kW		37	45	55	75	90	Piston Diameter mm	37	45	55	75	90	Power kW	
Rated Flow		Rated Pressure MPa						Rated Pressure MPa					Rated Flow	
m <sup>3</sup> /h	L/min												L/min	m <sup>3</sup> /h
1.62	27	65					18	55	65	75			34	2.04
2.04	34	55	65				20	43	52	65	75		42	2.52
2.4	40	46	55	68			22	36	45	55	70		50	3
2.94	49	36	45	57	75		24	30	37	46	61	75	60	3.6
3.12	52	35	42	52	70	78	25	28	35	42	58	70	65	3.9
3.42	57	32	40	48	65	76	26	26	32	40	53	66	70	4.2
3.96	66	28	34	42	58	68	28	22	28	34	47	56	80	4.8
4.5	75	25	30	36	50	60	30	19	24	30	40	48	95	5.7
Pump GW: 357kg		Base Holder GW: 116kg					Liquid Input position: G2"							

