

High Pressure Water Injection Pumps



Features

- ※ The hydraulic end of water injection pumps has a horizontal or vertical compounding valve.
- ※ The pump body is compact and easy to operate and repair. It has positive quality and attractive appearance. The hydraulic end's damageable parts have a long life.
- ※ Each pump has a safe pressure governor valve. The pump's pressure can be adjusted random..
- ※ The pump has an alarm protection of lubricating oil temperature and input and output pressure.
- ※ Hydraulic pressure end fabric: Horizontal type, vertical type and L mode are available.
- ※ Drive mode: electric motor or diesel engine; Variable speed : gear case, belt sheave, electromagnet speed adjustment, frequency conversion speed adjustment.
- ※ Main pump parts: engine base (material: HT250); pump body (material: 304 、 316、 316L、 1Cr18Ni9Ti、 2Cr13、 anticorrosive coating made of carbon steeled nickel plated phosphor alloy) receives heat treatment to avoid fracture by fatigue; crank (material: 35CrMo、 42CrMo) shows great intensity, solidness, antifriction and durability after receiving hardening and tempering rigidity nitrogen treatment、; plunger (material: super ceramics、 antifriction and corrosion-proof coating by sprayed solder Nickel alloy); filling seal (material: imported aroma fiber or carbon fiber) .
- ※ Lubrication mode: splash lubrication and force lubrication.
- ※ Group valve models: cone valve, flat valve, ARN valve and combination. All receive special processing and possess great antifriction and durability.

Main Technical Parameters

Model	Rated Plunger Load (kN)	Stroke (mm)	Plunger Dia. (mm)	Working Pressure (MPa)	Weight (kg)
3DWH75	25	75	62	8	1500
			54	10	
			50	12	
			44	16	



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			38	20	
			30	30	
			28	40	
			24	50	
3DWH80	53	80	80	9	2500
			60	16	
			40	38	
			35	50	
			32	60	
3DWH100	30	100	65	7.5	2000
			55	10.5	
			45	15	
			35	25	
			25	50	
3DWH100A	60	100	102	8	2500
			83	12	
			72	16	
			65	20	
			59	24	
			54	28	
			51	32	
			48	36	
3DWH130	45	130	90	7.6	3200
			80	9.5	
			70	12	
			60	17	
			50	24	
			40	38	
3DWH150	120	150	130	6	5000
			112	10	
			102	13	
			95	15	
			82	20	
			80	21	
			78	22	
			68	30	
			52	50	
3DWH160	45	160	100	6	4500
			80	9.5	
			60	17	
			50	24	
			40	38	



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3DWH170	160	170	130	12	11000
			110	16	
			90	24	
			80	29	
			75	35	
			70	40	
			65	47	
3DWH175	50	175	100	6.9	4500
			90	8.5	
			80	10.8	
			70	14	
			60	19.2	
			50	28	
			40	43	
3DWH180	90	180	130	6	6000
			120	7.5	
			110	9.2	
			100	11	
			90	13.5	
			80	17.5	
			70	22.5	
			60	31	
			50	45	
3DWH200	220	200	155	8	12000
			150	10	
			140	13	
			130	15	
			128	16	
			114	20	
			108	22	
			102	25	
			94	30	
			72	50	
5DWH125	55	125	90	8	5500
			80	10	
			64	16	
			57	20	
			51	25	
			45	32	
			40	40	
			36	50	