



Instructions For Hydraulic Cylinder

I. USE

Hydraulic jack the physical volume is small, working the ability is big, specially in the space position. The narrow place uses, The function of Hydraulic jack are flexible, convenient and crest the dint is big, this product is extensively applicable to an electric power, chemical engineering.

II. TECHNICAL PARAMETERS:

ITEM NO.	Out Put (T)	Stroke (mm)	Effective Area(cm ²)	Oil Capacity (L)	Height of Product (mm)	Extended Height (mm)	Outside Dia(mm)	Bore Diameter (mm)	Plunger Dia (mm)	Oil Supply Hole Thread Size	Weight (kg)
FPY-101	10	11	11.3	0.016	47	58	81×56	43	38	3/8"-19	1.5
FPY-201	20	11	22	0.031	52	63	100×77	60	53	3/8"-19	2.7
FPY-301	30	12	31.1	0.05	63	75	115×95	75	63	3/8"-19	4.5
FPY-501	50	16	56.7	0.113	69	85	138×115	95	85	3/8"-19	7
FPY-1001	100	16	95	0.211	86	102	185×160	130	110	3/8"-19	15.7
FPY-2001	200	25	240	0.741	96	121	265×240	195	175	3/8"-19	37.5
FPY-10D	10	25	11.3	0.022	47	74	1×56	43	38	3/8"-19	1.5
FPY-20D	20	26	19.6	0.041	52	80	100×77	60	53	3/8"-19	2.4
FPY-30D	30	53	31.1	0.058	63	118	115×95	75	63	3/8"-19	4.5
FPY-50D	50	64	56.7	0.113	69	135	138×115	95	85	3/8"-19	7
FPY-100D	100	75	95	0.225	86	163	185×160	130	110	3/8"-19	15
RSC-1050	10	50	13.8	0.073	120	170	58	43	38	3/8"-19	3
RSC-10100	10	100	13.8	0.145	170	270	58	43	38	3/8"-19	3.5
RSC-10150	10	150	13.8	0.22	220	370	58	43	38	3/8"-19	4.3
RSC-2050	20	50	26.4	0.14	120	170	88	65	58	3/8"-19	5.5
RSC-20100	20	100	26.4	0.28	170	270	88	65	58	3/8"-19	9
RSC-20150	20	150	26.4	0.42	220	370	88	65	58	3/8"-19	10
RSC-3050	30	50	41.8	0.208	120	170	107	75	68	3/8"-19	6.8
RSC-30100	30	100	41.8	0.416	170	270	107	75	68	3/8"-19	12.5
RSC-30150	30	150	41.8	0.624	220	370	107	75	68	3/8"-19	14.5
RSC-5050	50	50	78.5	0.35	120	170	127	95	85	3/8"-19	9.8
RSC-50100	50	100	78.5	0.7	170	270	127	95	85	3/8"-19	18
RSC-50150	50	150	78.5	1.06	220	370	127	95	85	3/8"-19	22
RSC-10050	100	50	103.8	0.66	120	170	177	130	110	3/8"-19	24
RSC-100100	100	100	103.8	1.32	170	270	177	130	110	3/8"-19	30
RSC-100150	100	150	103.8	2.0	220	370	177	130	110	3/8"-19	36
RCH-2050	20	50	22.9	0.16	153	214	98	73	54	3/8"-19	7.2
RCH-20100	20	100	22.9	0.32	217	328	98	73	54	3/8"-19	10
RCH-3050	30	50	36.29	0.25	153	214	115	88	68	3/8"-19	10
RCH-30100	30	100	36.29	0.5	217	328	115	88	68	3/8"-19	13.4
RCH-6050	60	50	67.89	0.45	164	225	155	125	93	3/8"-19	17.2
RCH-60100	60	100	67.89	0.9	231	342	155	125	93	3/8"-19	23.2
RCH-10075	100	75	94.98	1.2	254	340	180	140	110	3/8"-19	41

III. OPERATION METHOD

1. Having to check if each one is normal before use .
2. Should strictly obey the rules in the main parameter while using, extremely high and overload is Forbid, otherwise start to be heavy height or long ton over stipulate, the oil urn coping will take place seriously leak oil.
3. If move the oil quantity of pumping the body shortage, first need to join in the pump should work for after well filtering of N then 33# hydraulic oils canning.
4. The dynamoelectric pump please according to a dynamoelectric pump to use manual.
5. Heavy the thing center of gravity want to choose to be just right, putting forth effort of reasonable choice jack point, the bottom noodles wants mat even, want to consider at the same time soft hard condition in the ground, whether the timber of mat fortitude and resilience, place whether is steady, so as not to negative heavy next sink or tilt to one side.
6. The jack after rising the heavy thing crest should prop up a thing to prop up a heavy thing in time firm, forbid jack conduct and actions prop up thing to use.
7. If need a few jacks at the same time rise heavy, in addition to putting jack in response to the exactitude, should use several reposition of redundant personnel valves, and matching of each set jack should balanced, attention start to keep to rise speed synchronously. Have to also because the weight not divides bottom noodles probably the circumstance for sinking, prevent from being lifted weights the products living to tilt to one side but occurrence dangerous.
8. When use, first move quickly dealing with contact of the pump and crest choose good position towards answering, then and pump oil up of put oil bolt Xuan is tight, can immediately work. The desire makes piston pole descend, move to otherwise descend speed over quick creation dangerous.
9. This jack fasten spring coil to reset structure and rise heavy over after, can immediately quickly take out, but can not pull jack with the copular soft tube.
10. Because of the jack rise a distance again is smaller, the user nevered exceed a sum while using settle route of travel, so as not to damage jack.
11. Use process in should avoid jack violent vibration.
12. Unwell proper is sour, the work place of causticity air uses.
13. The user have to periodically check and maintain according to the circumstance.

IV. REGULATION

1. When using , if appear an empty dozen phenomenon, can relax first to pump body up of put oil bolt, get up the pump body perpendicularity the head get down empty beat several bottoms, then close the oil nuts tightly, can immediately continue to use.
2. When using , can not add to be partial to carry or overload, so as not to the jack breaks occurrence danger. While having already carried a lotus, slicing to hate will quickly deal with contact to unload, so as not to take place trouble and damage spare part.
3. This machine is to use oil in order to lie quality, have to work well maintaining of oil and this machine tool work so as not to the Yu fills or leaks oil and influences use effect.
4. New or long place of hydraulic-pneumatic jack, because of oil urn the memory contains more air, the piston pole may appear small Tu to jump a phenomenon while starting using, can hydraulic-pneumatic jack empty carry back and forth to exercise 2-3 times to expel the air in the chamber. The jack that puts aside over a long period of time, because of seal completely a piece don't work over a long period of time but result in to seal completely the hardening of the piece, influence hydraulic-pneumatic jack service life thus, so hydraulic-pneumatic jack at need not, want monthly to be empty to carry back and forth 2-3 times the hydraulic-pneumatic jack.
5. High pressure pipeline factory after 105 MPas(1050 Kg/cm²) experiment. But because the gum takes care of easily aging, past the customer need usually check, general is six months, multifarious user is three months. Try to press with the 87.5 MPas(875 Kg/cm²) while checking, if have been already blown up, convex rise, seep into to wait a phenomenon then can not use.
6. Should strictly obey a technical specification while operating, the customer wanted a check according to using a circumstance periodically with maintain.

