



C-401H100

C-401H95

C-401H90

C-401H85

C-401H80

C-401H75

C-401H70

C-401H65

Stroke 150mm

Input Revolution (rpm)			975				1175				1475			1775		1800	
Speed Reduction Compere			5.23 (4)	4.40 (3)	3.50 (2)	2.86 (1)	5.23 (4)	4.40 (3)	3.50 (2)	2.86 (1)	5.23 (4)	4.40 (3)	3.50 (2)	5.23 (4)	4.40 (3)	5.23 (4)	4.40 (3)
Crankshaft Revolution (rpm)			186	222	279	341	225	267	336	411	282	335	421	339	403	344	409
Required Motive Power (HP)			222.4	264.0	332.3	407.4	268.0	318.9	400.7	490.4	336.3	399.3	502.5	404.7	481.1	410.0	487.8
Type	Pressure (PSI)	Plunger (mm)	Theoretical Discharge Volume (gpm)														
C-401H100	1920	100	173.58	206.34	259.18	317.83	208.98	248.61	312.55	383.09	262.61	312.28	392.34	315.72	375.43	320.21	380.98
C-401H95	2134	95	156.67	186.00	234.08	286.66	188.90	224.31	281.90	345.57	236.72	281.64	354.03	285.07	338.97	289.30	343.99
C-401H90	2418	90	140.55	167.24	210.04	257.33	169.35	201.32	253.10	309.91	212.68	252.84	317.83	256.01	304.09	259.44	308.59
C-401H85	2702	85	125.23	149.01	187.32	229.59	151.12	179.66	225.63	276.62	189.70	225.36	283.49	228.27	271.33	231.44	275.03
C-401H80	3058	80	111.23	131.84	165.92	203.17	133.95	159.05	200.00	245.18	168.03	199.74	251.25	202.11	240.42	204.76	243.59
C-401H75	3485	75	97.49	115.98	145.84	178.60	117.57	139.76	175.69	215.32	147.69	175.43	220.61	177.81	211.36	180.18	214.27
C-401H70	3983	70	85.07	101.19	126.82	155.61	102.51	121.53	152.97	187.58	128.67	152.97	192.07	154.56	184.15	156.93	186.53
C-401H65	4551	65	73.45	86.92	109.38	134.21	88.24	104.89	131.84	161.69	110.96	131.84	165.65	133.42	158.52	135.27	160.90

Based on 100% Volumetric Efficiency

