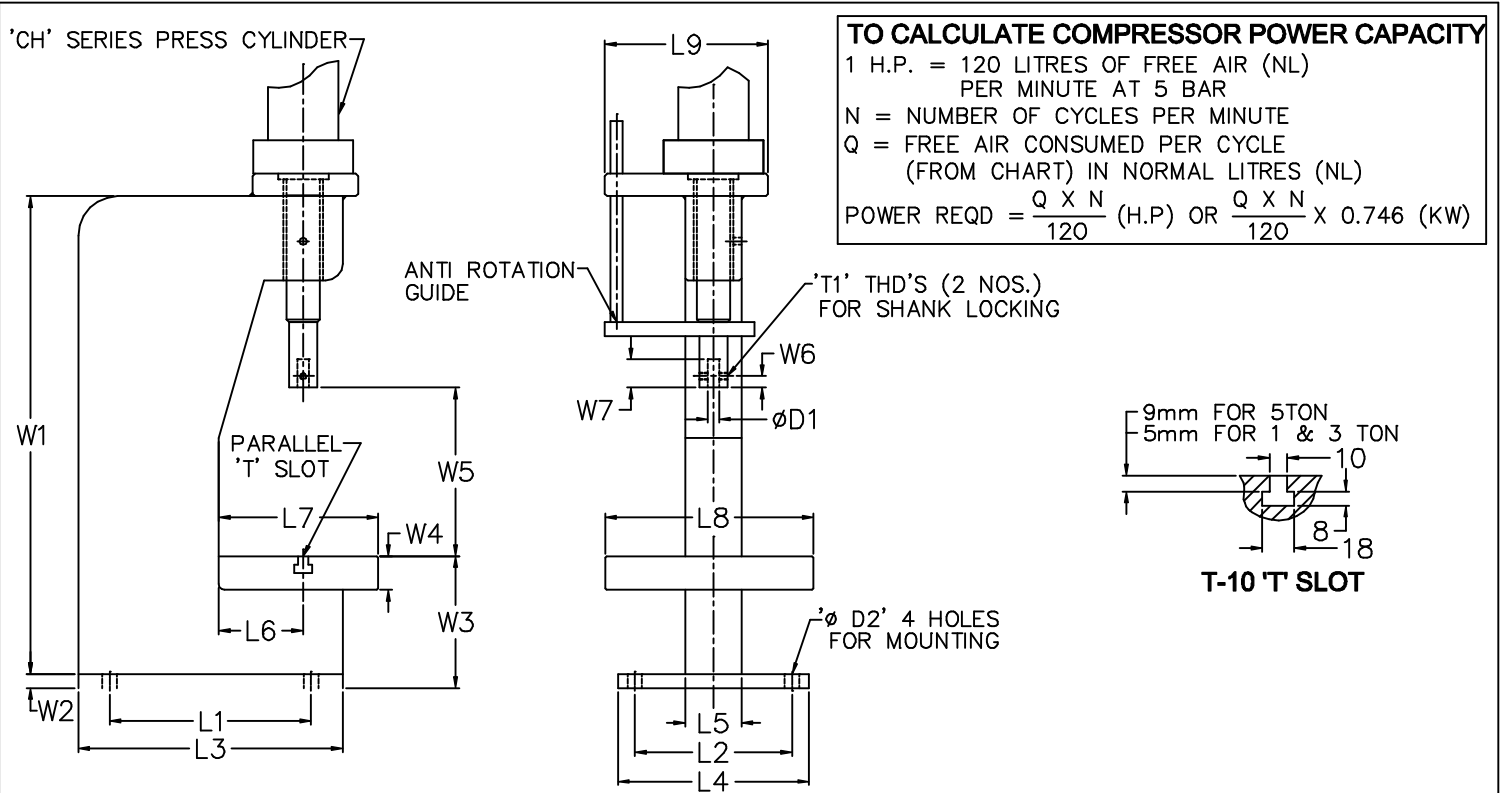


# GRAVITY SERIES 'PM' MANUALLY OPERATED PRESSES



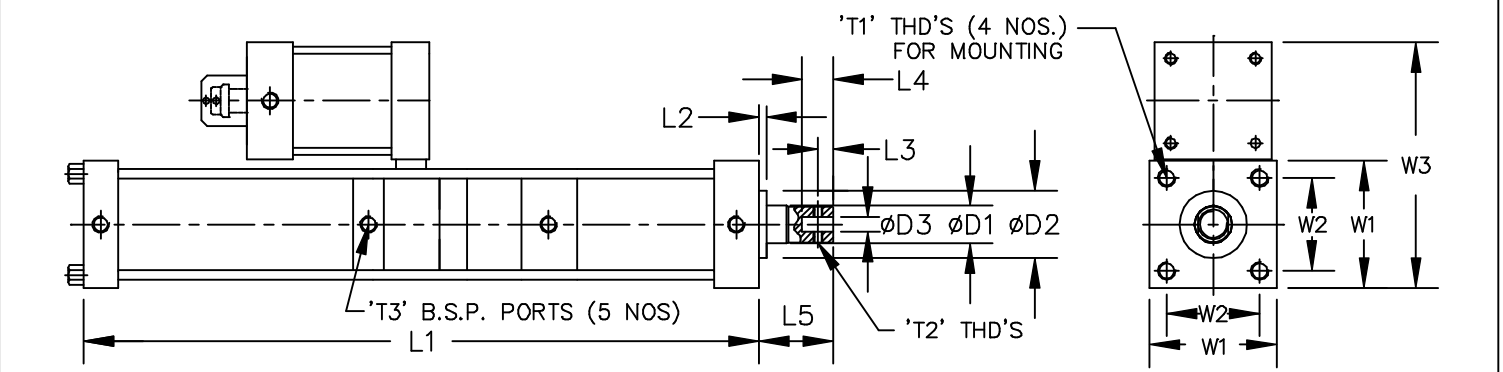
**TO CALCULATE COMPRESSOR POWER CAPACITY**  
 1 H.P. = 120 LITRES OF FREE AIR (NL)  
 PER MINUTE AT 5 BAR  
 N = NUMBER OF CYCLES PER MINUTE  
 Q = FREE AIR CONSUMED PER CYCLE  
 (FROM CHART) IN NORMAL LITRES (NL)  
 $POWER REQD = \frac{Q \times N}{120}$  (H.P) OR  $\frac{Q \times N}{120} \times 0.746$  (KW)

MODEL NUMBER	TON	L1	L2	L3	L4	L5	L6	L7	L8	L9	D1	D2	W1	W2	W3	W4	W5	W6	W7	T	T1
PM-01-*#-RCC	01	200	120	245	150	35	65	120	150	103	12	13	437	12.5	115	27	200	10	30	10	M6
PM-03-*#-RCC	03	200	120	245	150	35	65	120	150	103	12	13	437	12.5	115	27	200	10	30	10	M6
PM-05-*#-RCC	05	300	170	345	200	50	75	140	200	138	16	13	445	15	125	35	200	10	30	10	M6

Output Forces (Kgf.)  
at Inlet Air Pressure of 5 Bars

Tonnage	1T	3T	5T
Approach	98	155	251
Power	1202	2710	5089
Return	73	131	211

# GRAVITY SERIES 'CHM' PRESS CYLINDER DIMENSIONS



Model No.	TON	Total Stroke	Power Stroke	L1	L2	L3	L4	L5	D1	D2	D3	W1	W2	W3	T1	T2	T3	Q(NL) Free Air Consumed/Cycle
CHM-01-050-06	01	050	06	475	5	10	25	115	25	45	12	76	55	163	M12 X 1.75	M6	G1/4	4.0
CHM-01-075-06	01	075	06	525	5	10	25	115	25	45	12	76	55	163	M12 X 1.75	M6	G1/4	4.5
CHM-01-050-12	01	050	12	579	5	10	25	115	25	45	12	76	55	163	M12 X 1.75	M6	G1/4	6.5
CHM-01-075-12	01	075	12	629	5	10	25	115	25	45	12	76	55	163	M12 X 1.75	M6	G1/4	7.0
CHM-03-050-06	03	050	06	475	5	10	25	115	25	45	12	85	62	163	M12 X 1.75	M6	G1/4	7.2
CHM-03-075-06	03	075	06	525	5	10	25	115	25	45	12	85	62	163	M12 X 1.75	M6	G1/4	8.0
CHM-03-050-12	03	050	12	579	5	10	25	115	25	45	12	85	62	163	M12 X 1.75	M6	G1/4	11.0
CHM-03-075-12	03	075	12	629	5	10	25	115	25	45	12	85	62	163	M12 X 1.75	M6	G1/4	11.8
CHM-05-075-06	05	075	06	588	5	10	25	125	32	55	16	108	78	203	M16 X 2	M6	G1/4	14.2
CHM-05-075-12	05	075	12	710	5	10	25	125	32	55	16	108	78	203	M16 X 2	M6	G1/4	21.4