

# PUMP SELECTION CHART

(ACTUAL VOLUMES, ALLOWING FOR LOSSES AND FOR CONTINUOUS DELIVERY)

## PUMP HEADS

- Standard
- stainless steel
- High volume

1 mPa = 1000 kPa = 10 bar

1hp = 0.747 kW

Pump type	500 x 790 R.P.M.			750 x 450 R.P.M.			2000 x 400 R.P.M.			4000 x 370 R.P.M.		
	Max Press BAR	Vol L/mm	Power kW	Max Press BAR	Vol L/mm	Power kW	Max Press BAR	Vol L/mm	Power kW	Max Press BAR	Vol L/mm	Power kW
plunger size mms												
20	770	23	33									
22				900	27	43						
24				760	35	48						
25	500	36	34									
26				650	44	51	1000	50	69			
28	400	45	34	550	52	52	900	65	104			
30	340	51	32	480	62	54	780	76	107			
35	260	70	33	360	86	55	570	105	107	1000	95	176
40	210	89	33	280	114	55	430	143	107	790	145	204
45	160	117	34	220	146	55	340	169	107	600	189	213
50				180	173	55	280	214	107	490	228	207
55				140	200	55	230	264	107	400	278	209
Pump stroke	40 mm			70 mm			100 mm			110 mm		

## PACKING LENGTHS FOR PEASURE CYLINDERS

SIZE	P/CYL I.D.	PACKING	LENGTH
P.24	35MM	1/4"	120MM
P.26	45MM	3/8"	135MM
P.28 (OLD)	44MM	3/8"	130MM
P.28(NEW)	45MM	3/8"	135MM
P.30	45MM	5/16"	140MM
P.35	50MM	5/16"	155MM
P.40	55MM	5/16"	175MM
P.45	60MM	5/16"	190MM