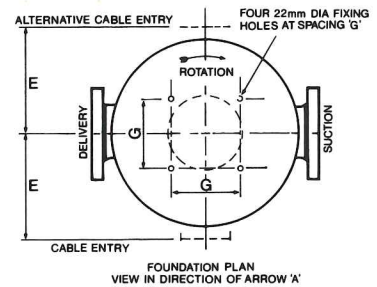
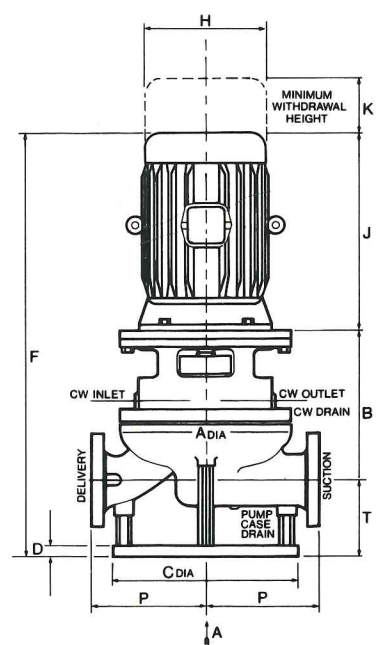


Hayward Tyler Single-Stage Vertical Inline Pumps,
Conforming to B.S. Specification 4082, 1969 Part 1, 'I Type'.

PUMP SIZE	SHAFT GROUP	BRANCH SIZE SUCT. & DEL.		'P'		'T'		A	B	FOUNDATION DETAILS				DEPENDENT ON MOTOR				K		
		INCHES	M/M.	INCHES	M/M	INCHES	M/M			INCHES	INCHES	C (INS)	D (INS)	INS.	G	M/M.	E	F	H	J
10E	1	1 1/2	40	10 7/16	265	4 15/16	125	15 1/2	12 5/16	18 1/2	1	5 29/32	150						4 3/4	121
10F	1	1 1/2	40	10 7/16	265	4 15/16	125	17 1/2	12 11/16	18 1/2	1	5 29/32	150						5 1/8	130
10G	2	1 1/2	40	14	355	4 15/16	125	19 3/8	14 1/4	24	1	5 29/32	150						5 1/2	140
20E	1	2	50	10 7/16	265	4 15/16	125	15 1/2	12 15/16	18 1/2	1	7 7/8	200						4 7/8	124
20F	1	2	50	10 7/16	265	4 15/16	125	17 1/2	13 1/8	18 1/2	1	7 7/8	200						5 1/2	140
20G	2	2	50	14	355	4 15/16	125	19 3/8	14 1/4	24	1	7 7/8	200						5 5/8	149
30E	1	3	80	11 13/16	300	6 5/16	160	15 1/2	13 3/8	20	1 1/8	9 27/32	250						5	127
30F	2	3	80	11 13/16	300	6 5/16	160	18 1/4	14 11/16	20	1 1/8	9 27/32	250						5 3/4	146
30G	2	3	80	15 3/4	400	6 5/16	160	19 3/8	14 7/8	23 1/2	1 1/8	9 27/32	250						5 5/8	143
30H	3	3	80	15 3/4	400	6 5/16	160	24	15 1/2	25 1/2	1 1/8	9 27/32	250						6 3/8	162
40E	2	4	100	11 13/16	300	8 13/16	224	18 1/4	15 3/4	20	1 1/8	9 27/32	250						6 5/8	162
40F	2	4	100	11 13/16	300	8 13/16	224	19 3/8	15 11/16	20	1 1/8	9 27/32	250						6	153
40G	3	4	100	15 3/4	400	8 13/16	224	22 1/2	15 7/8	23 1/2	1 1/8	9 27/32	250						6 3/4	172
40H	3	4	100	15 3/4	400	8 13/16	224	24	16 1/16	25 1/2	1 1/8	9 27/32	250						6 7/8	175
50E	2	6	150	14	355	9 27/32	250	18 1/4	17 5/8	20	1 1/8	9 27/32	250						6 5/8	165
50F	3	6	150	14	355	9 27/32	250	18 3/4	17 5/8	23 1/2	1 1/8	9 27/32	250						6 7/8	172
50G	3	6	150	15 3/4	400	9 27/32	250	22 1/2	18	25 1/2	1 1/8	9 27/32	250						6 5/8	165
50H	5	6	150	15 3/4	400	9 27/32	250	25 1/2	20 5/16	25	1 1/2	9 27/32	250						7	178
60E	5	8	200	20 7/8	530	11 13/16	300	30	22 1/16	30	1 1/2	11	280						8 1/4	210
60F	3	8	200	14 3/4	375	11 13/16	300	22 1/2	18 3/8	25	1 1/2	11	280						7 1/8	181
60G	5	8	200	17 23/32	450	11 13/16	300	22 1/2	21 7/8	25	1 1/2	11	280						8 1/2	216
60H	5	8	200	17 23/32	450	11 13/16	300	25 1/2	21 3/16	30	1 1/2	11	280						7 1/2	191



Installation and Service

One of the contributory factors to the world-wide success of Hayward Tyler is the exceptionally high standard of service that is part of every installation.

What does this service cover? Just about anything you can think of to do with our products. This means installation, commissioning, trouble shooting on site, reconditioning and repairs, spares, technical advice, testing facilities and many

others. It can vary from advice on the telephone by a field service engineer to organising shipment of pumps back to our Works for reconditioning and testing under load conditions.

Every Hayward Tyler pump is designed to work with the minimum of maintenance. Occasionally however things do go wrong, but no matter how remote the locality, modern communications will bring a field service engineer within hours.

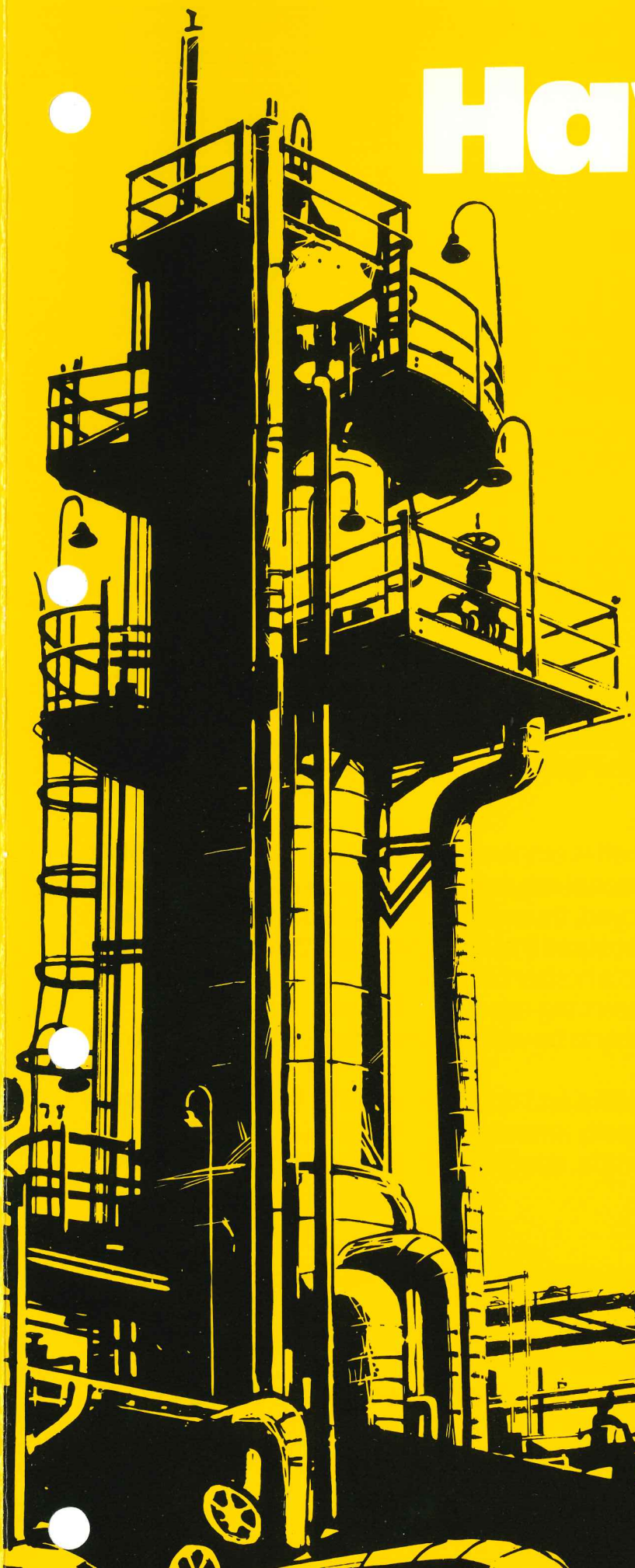
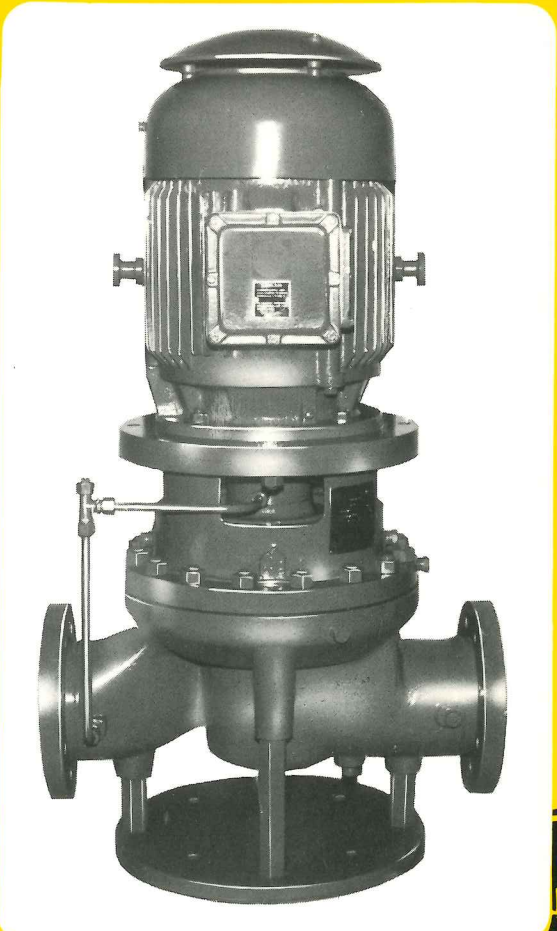


Hayward Tyler Limited
Process Industry Products
PO Box 2, Luton, LU1 3LW, England.
Telephone: Luton (0582) 31144 Telex: 82158 Tyler G

Hayward Tyler

VPI RANGE

of in-line
process pumps



VPI RANGE

of vertical process pumps
comply to B.S. 4082 (1969)

The Hayward Tyler V.P.I. Range of vertical-in-line pumps, are close coupled machines with diametrically opposed suction and discharge branches. This design has been in operation throughout the world for many years, on the most arduous of duties where reliability and space saving are prime requirements.

Design Features.

An integral pump and motor shaft is employed which eliminates any possibility of misalignment. Due to the dimensional requirements of B.S. 4082 standardised pump flange dimensions are employed, thus eliminating delays when plant design is in progress. The vertical design ensures that the space occupied by pump and motor is minimal when compared to a horizontal configuration.

Maintenance is simplified by removing one ring of pump cover fasteners, enabling cover and rotating assembly to be withdrawn without disturbing suction and discharge pipework.

All pumps have shrouded impellers and double wear-rings fitted as standard, hard-faced when necessary and easily renewable. Dynamic balancing as required by A.P.I. 610. On larger pumps, double volute cases are used to ensure impellers run in radial balance.

Materials of Construction

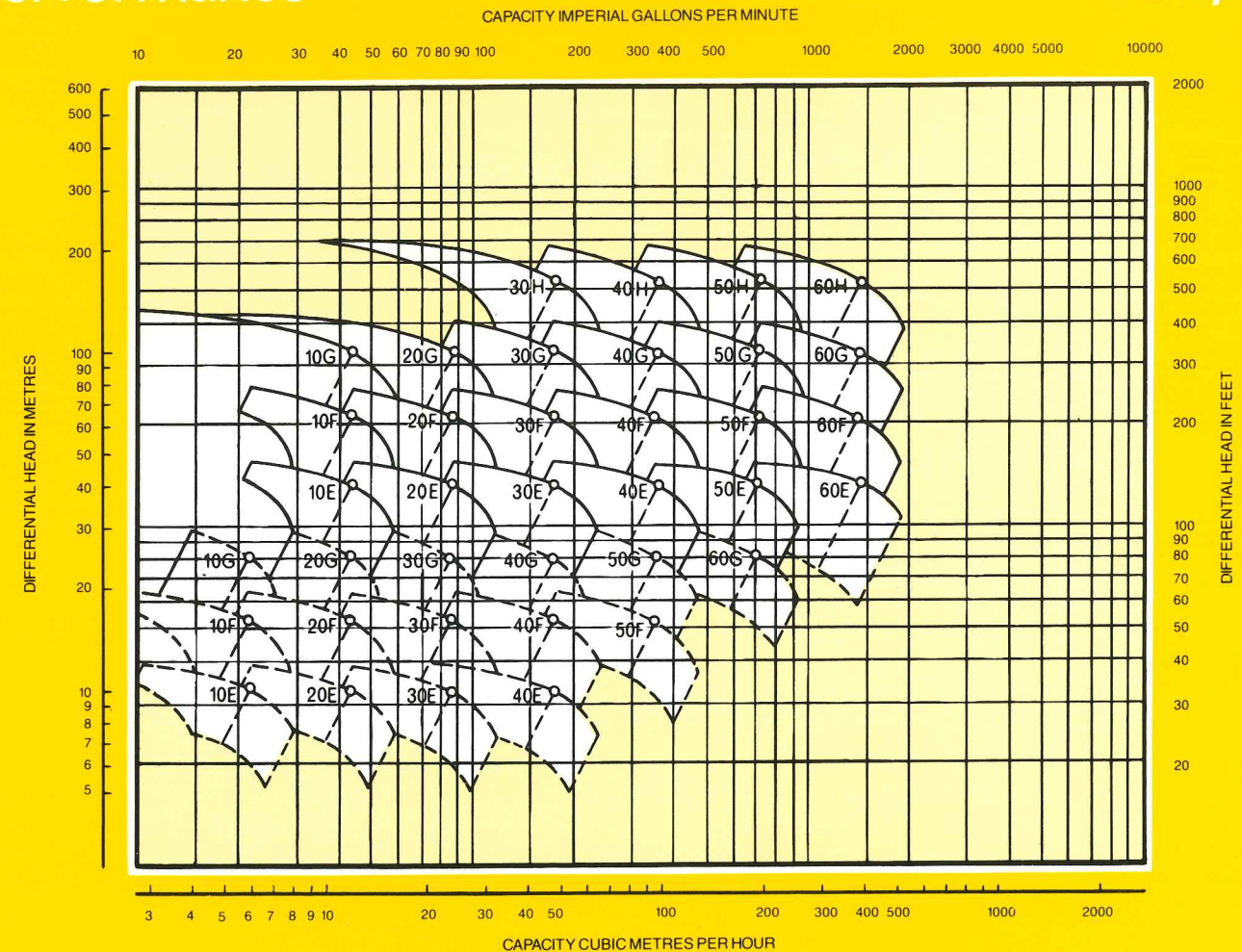
Materials available are in accordance with A.S.T.M. standards. However, alternative materials can be offered if required.

Pressure and Temperature Limitations

V.P.I. Pumps are designed for handling liquids with temperatures to 343°C (650°F) with coolers; without coolers 200°C (392°F). Design pressure is 40 bar. G., hydro-tested at 60 bar. G.

Performance

50 cycles



A full range of 50 cycle curves available.
Capacities to 480m³/H.
Heads to 220M.

Cross-sectional arrangement

