

Technical particulars

The CP 3300 HT is one of the Flygt series of submersible sewage pumps. The guide bar system and boltless, automatic connection to the discharge line allow the pump to be raised from the sump for easy inspection, and lowered back again into correct position.

Motor:

3-phase squirrel-cage a.c. motor developing 54 kW (73 hp) at 1470 rev/min on a 50 Hz supply.

Minimum power cable requirements:

Direct on-line start 220 V: 4x35 mm², 380—550 V: 4x35 mm².

Star-delta start 220 V: 4x35 mm², 380—550 V: 4x25 mm².

Your local Flygt agent will provide details of cables required to comply with local regulations.

Rated current:

220 V	380 V	415 V	500 V	550 V
180 A	105 A	96 A	80 A	73 A

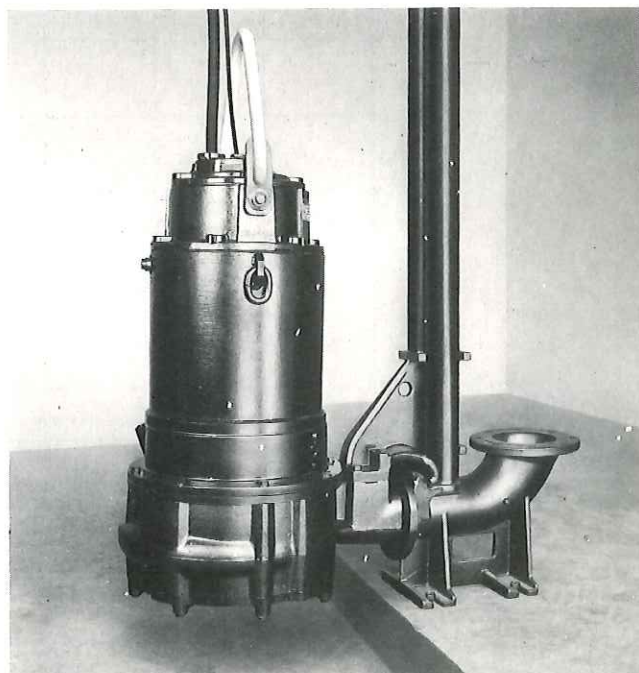
Impeller flow passage:

Single-channel type:

Curve No.	452	454
Cross-section mm (in)	90x96 (3.5x3.8)	80x90 (3.1x3.5)

Maximum efficiency:

Pump 66 %. Overall for the unit 59 %.



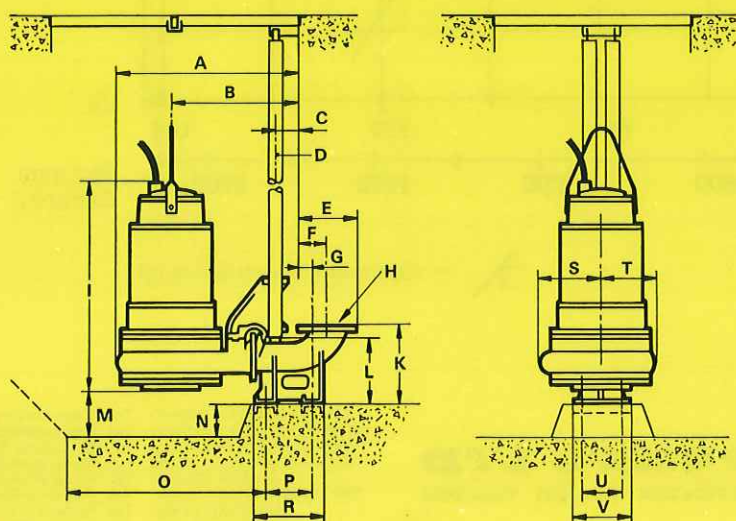
Discharge connection:

200 mm nom. bore as per BS 4622:1970 Table 11, or DIN 2532.

Weight:

Pump unit 870 kg (1918 lb).
Discharge conn. assembly 66 kg (145 lb).

The manufacturers reserve the right to alter performance specification or design without notice.

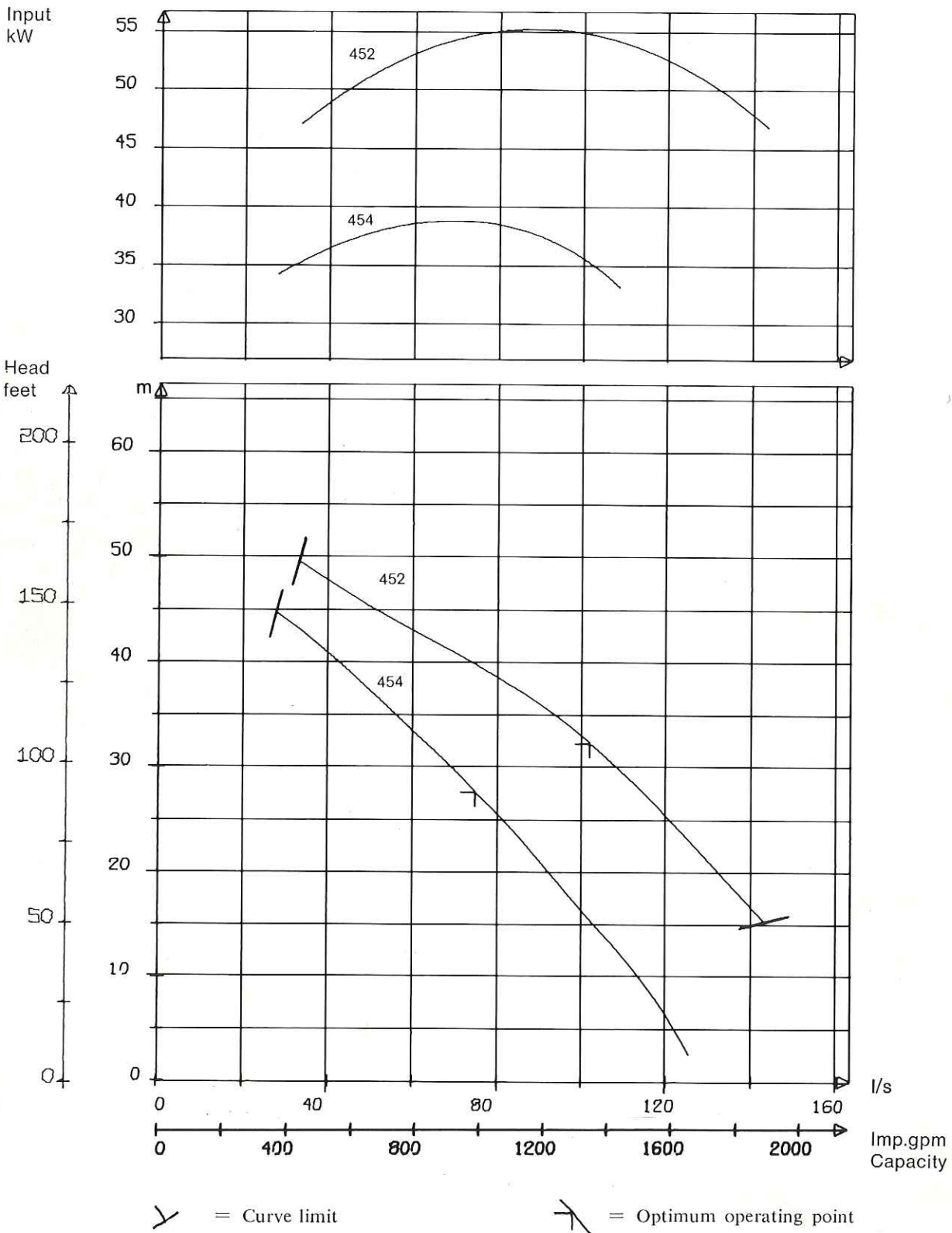


Dimensions in mm (in)

A	B	C	D	E	F	G
1070	751	135	3"	344	174	89
(42)	(29.5)	(5.3)		(13.5)	(6.8)	(3.5)
H	I	K	L	M	N	O
200	1219	450	360	273	200	1000
(7.9)	(47.9)	(17.7)	(14.1)	(10.7)	(7.9)	(39.3)
						min
P	R	S	T	U	V	
280	390	341	305	245	310	
(11)	(15.3)	(13.4)	(12)	(9.6)	(12.2)	

CP 3300 HT

Each pump is tested in accordance with an ISO standard for batch-produced Class C pumps. For full details see ISO 2548.



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