

HAYASHI LEAKLESS PUMP SERIES



HC

HDG-PG•TF型

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SPECIFICATION

MODEL		INLET/ OUTLET (mm)	MOTOR POWER (kW)	50Hz			60Hz		
				IMPELLER SIZE	HEAD (m)	CAPACITY (L/min)	IMPELLER SIZE	HEAD (m)	CAPACITY (L/min)
HDG-25	PG TF	25/25	0.25	A	9	70	A	10	70
				B	7		B	8.5	
				C	6		C	7.5	
				D	5		D	6	
HDG-400	PG TF	40/40	0.4	A	8	150	A	7.5	150
				B	7		B	7	
				C	5		C	6.5	
				D	3.5		(比重限界1.5)		
HDG-401	PG TF	40/40	0.75	A	11	210	A	11.5	210
				B	10		B	10	
				C	8		C	9	
				D	6		D	6	
HDG-402	PG TF	50/40	1.5	A	17	280	A	16.5	280
				B	14		B	14	
				C	12		C	12	
				D	9		D	6.5	
HDG-403	PG TF	50/40	2.2	A	23	300	A	22	300
				B	19.5		B	17	
				C	16		C	15	
				D	13		D	11	
HDG-405	PG TF	50/40	3.7	A	26	360	A	27.5	360
				B	23		B	24	
				C	19		C	20	
				D	15		D	14	

MODEL CODE

● HDG-25PG · TF

HDG - 25 PG - R V X A

① ② ④ ⑤ ⑥ ⑦ ⑧

● HDG-400~405PG · TF

HDG - 40 2 PG - C V X A

① ② ③ ④ ⑤ ⑥ ⑦ ⑧

1 PUMP SERIES

2 OUTLET DIAMETER

25 : 25A

40 : 40A

3 MOTOR POWER

0 : 0.4 KW

1 : 0.75 KW

2 : 1.5 KW

3 : 2.2 KW

5 : 3.7 KW

4 CASING MATERIAL

5 BEARING MATERIAL

C : CARBON

S : SILICON

A : CERAMIC

R : PTFE

6 O RING MATERIAL

V : VITON

E : EPDM

S : SPECIAL

7 FREQUENCY

X : 50 Hz

W : 60 Hz

8 SPECIFIC GRAVITY

A : 1.1

B : 1.3

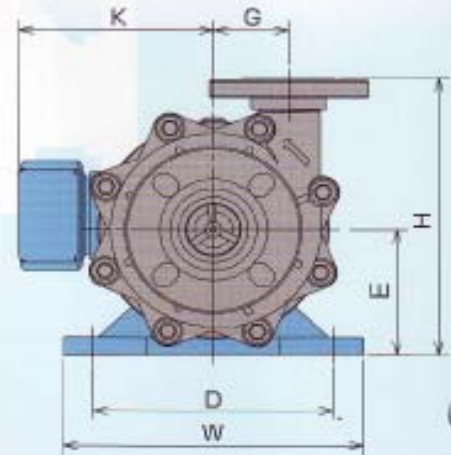
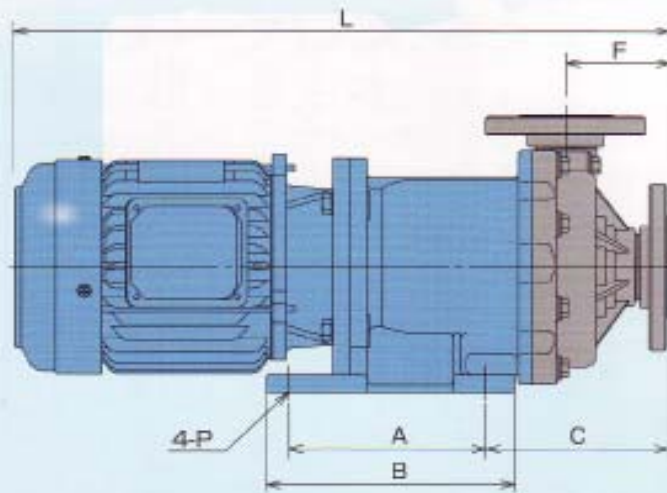
C : 1.5

D : 1.9

S : SPECIAL

DIMENSION

● HDG-PG · TF



DIMENSION TABLE

MODEL	DIMENSION	INLET OUTLET (mm)	POWER (kW)	W	H	L	A	B	C	D	E	F	G	K	P	
HDG-25 PG TF		25/25	0.25	164	195	422	95	140	125	134	87	80	43.5	132	10	18
HDG-400 PG TF		40/40	0.4	140	216	474	98	140	150	110	95	86	51	139	12	22
HDG-401 PG TF		40/40	0.75	160	255	491	130	175	185	130	115	102.5	57.5	150	12	30
HDG-402 PG TF		50/40	1.5	260	255	620	200	245	158	208	115	89	65	168	14	43
HDG-403 PG TF		50/40	2.2	260	255	620	200	245	158	208	115	89	65	168	14	47
HDG-405 PG TF		50/40	3.7	260	270	689	200	245	158	208	130	89	65	181	14	69

MATERIAL OF CONSTRUCTION TABLE

NO.	PART NAME	MATERIAL		NO.	PART NAME	MATERIAL	
		HDG-PG	HDG-TF			HDG-PG	HDG-TF
101	FRONT CASING	GFR-PP	CFR-ETFE	117	REAR CASING COVER	SS304+HASTELLOY C	
111	IMPELLER ASSY	GFR-PP	CFR-ETFE	118	ADJUST PACKING	PTFE	
112	BEARING	※ 1		121	BRACKET	FC200	
113	REAR CASING	GFR-PP	CFR-ETFE	122	DRIVE MAGNET	PERMANENT MAGNET	
114	SPIINDLE	H.D. CERAMIC /SiC		151	O-RING	VITON /EPDM	
116	BACKUP RING	SUS304					

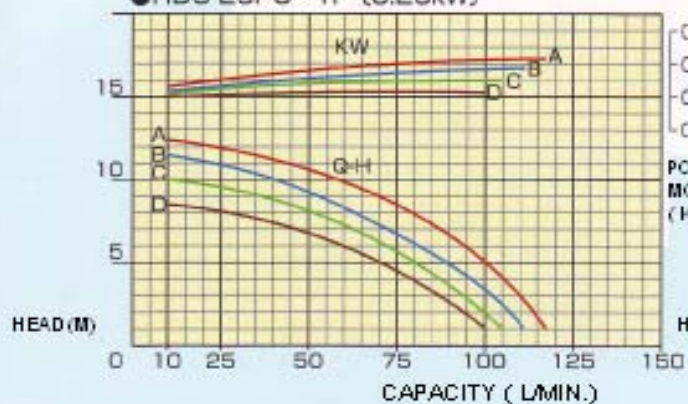
— S.G. 1.1 SEE "A"

— S.G. 1.3 SEE "B"

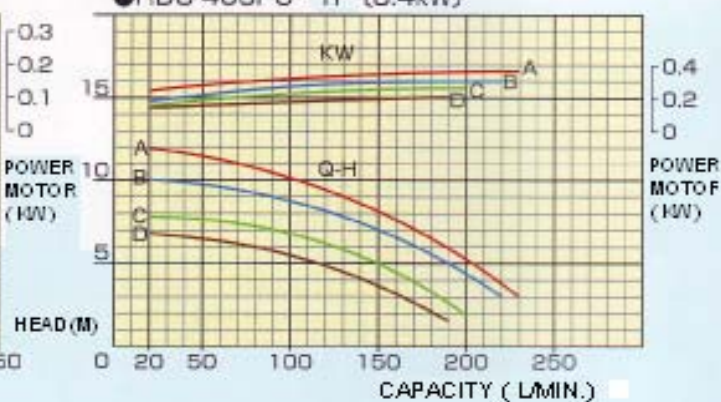
PERFORMANCE CURVE (50Hz)

— S.G. 1.1 SEE "A" — S.G. 1.3 SEE "B"
— S.G. 1.5 SEE "C" — S.G. 1.9 SEE "D"

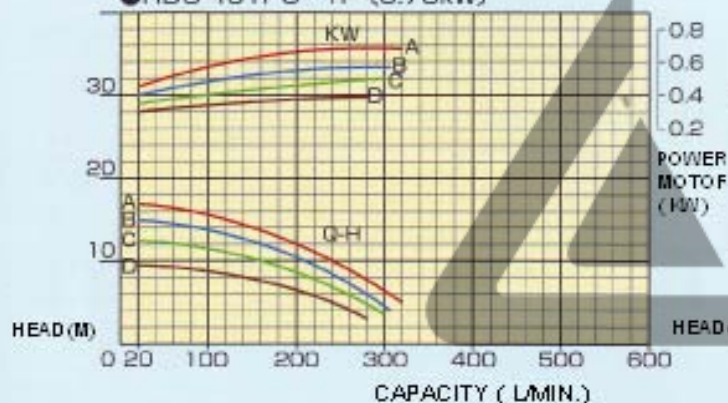
● HDG-25PG · TF (0.25kW)



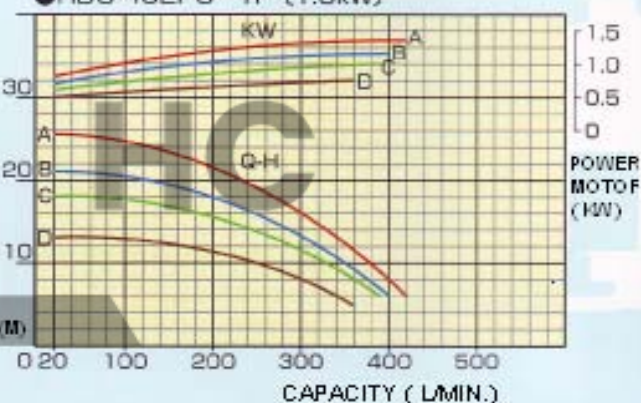
● HDG-400PG · TF (0.4kW)



● HDG-401PG · TF (0.75kW)

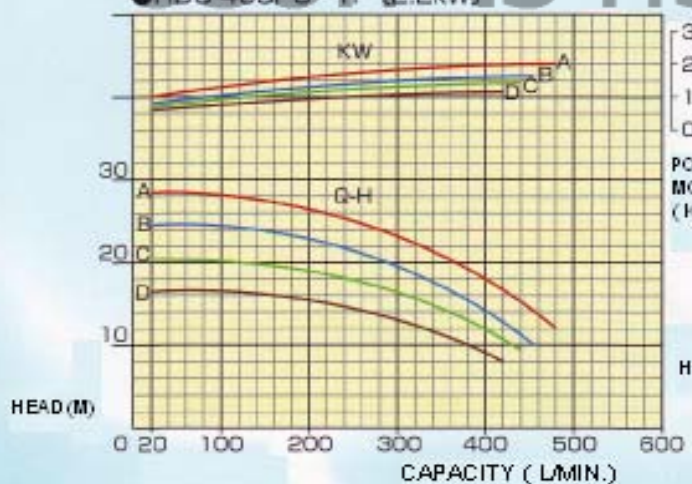


● HDG-402PG · TF (1.5kW)

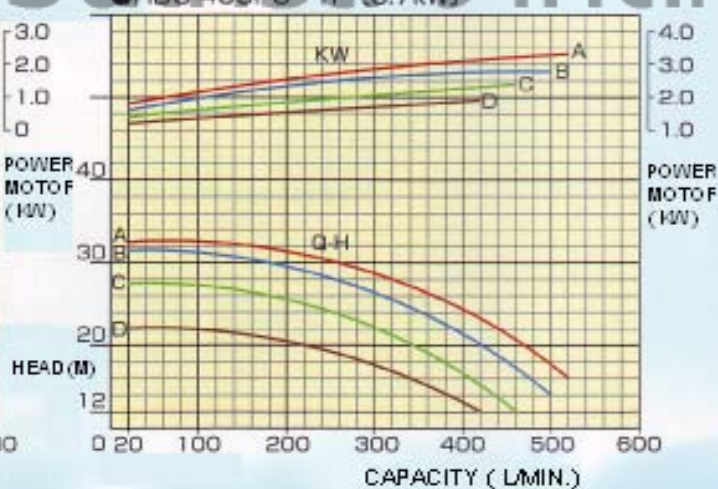


CAPACITY (L/MIN.)

● HDG-403PG · TF (2.2kW)



● HDG-405PG · TF (3.7kW)



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