

HDG SERIES

SUBMERSIBLE SLURRY DEWATERING PUMPS

POWER : 2~10HP (1.5~7.5kW)

MAX.HEAD : 37m(121feet)

MAX.FLOW : 2.6m³/min (156m³/h)



PRODUCT NOMENCLATURE

Example :

80	HDG	2	1.5
Discharge mm	Type	Pole	kW

FEATURES

- Design for civil engineering, light weight for easy portability, double outer casing water cooling motor make it possible to run the pump to low water level.
- Best waterproof structure, automatic rest motor protector and double mechanical seal made of silicon carbide. Durable and leak proof.
- Compact, strong design and easy operation in any place.
- Impeller made of high chrome alloy (HiCrFC) steel with a hardness of 55~60 HRC. Harden and abrasion resistant.
- Equipped with a cast iron (FCD) agitator to create powerful stirring and pumping action for slurry.

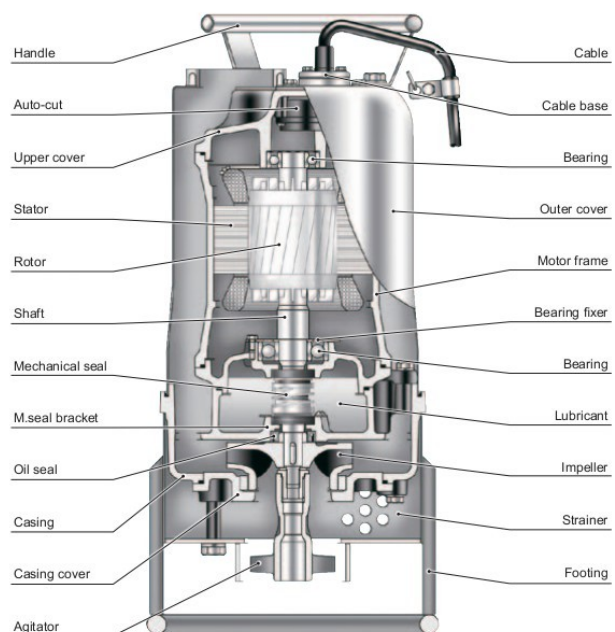


Agitator Section



APPLICATIONS

- Civil engineering, dewatering for tunnel engineering also for manhole sewer.
- Dewatering fluid contain solid sediment.
- Mobile use for contractors, installers and industry.



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DPCEN5-72HDG-1903

HDG SERIES SUBMERSIBLE SLURRY DEWATERING PUMPS 80HDG21.5 · 80HDG22.2 · 80HDG23.7

SPECIFICATIONS

Item	Description
Limits of Use	Liquid Temp. 0~40°C(32~104°F)
Applications	Dewatering Fluid Contain Solid Sediment
Type	Frequency 50Hz
Motor	2P(3000rpm) · Dry Motor
Insulation	Class F
Protection	IP68
Protector	Auto-cut
Bearing	Ball type
M.seal	Double M.seals
Impeller	Close
Upper Cover	FC200
Motor Frame	FC200
Shaft	SUS403(2~3HP) · SUS304(5HP)
M.seal	CA/CE & SiC/SiC
Material	Casing FC200
Impeller	HiCrFC
Wear ring	HiCrFC
Agitator	FCD700
Cable	VCT or H07RN-F or SJOW/SOW
Optional	—



80HDG21.5 · 80HDG22.2 · 80HDG23.7



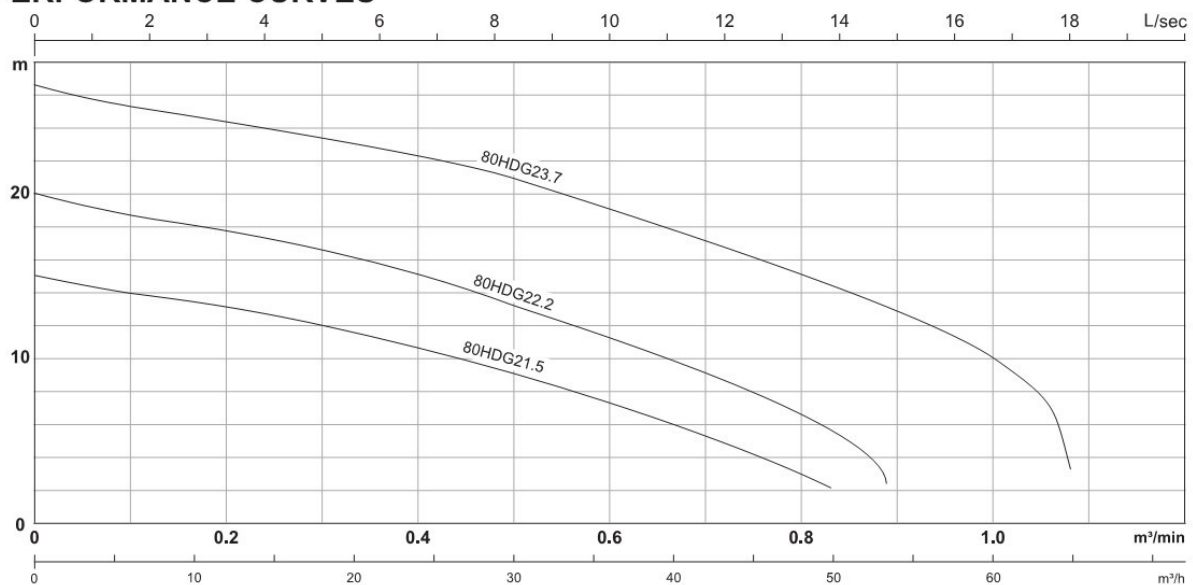
Close Impeller



Agitator

Model	Power HP(kW)	Discharge inch(mm)	Standard		MAX		Solid Passage mm(inch)	Weight(W/O Cable)		Phase	Voltage						
			m-m³/min	m-m³/h	m-m³/min	m-m³/h		1Ø-kg(lbs)	3Ø-kg(lbs)		220V	230V	230V	380V	400V	415V	525V
80HDG21.5	2(1.5)	3"(80)	9-0.5	9-30	15-0.9	15-54	10(3/8")	41(90)	36(79)	Full load Ampere	10.4	10.0	6.1	3.6	3.4	3.4	2.7
80HDG22.2	3(2.2)	3"(80)	13-0.5	13-30	20-0.95	20-57	10(3/8")	45(99)	40(88)		15.0	14.6	8.7	5.2	4.9	4.8	3.9
80HDG23.7	5(3.7)	3"(80)	21-0.5	21-30	26.5-1.2	26.5-72	10(3/8")	—	45(99)		—	—	14.3	8.3	7.9	7.9	6.3

PERFORMANCE CURVES



Model	Power HP(kW)	Discharge inch(mm)	Q:m³/min Q:m³/h	0.1	0.2	0.3	0.4	0.5	0.6	0.8	1	Q:L/sec	2	4	6	8	10	12	14	16
				6	12	18	24	30	36	48	60		H:m	H:m	H:m	H:m	H:m	H:m	H:m	H:m
80HDG21.5	2(1.5)	3"(80)	H:m	14.0	13.2	12.0	10.7	9.1	7.4	3.0	—	13.9	12.8	11.1	9.5	7.3	4.8	—	—	—
80HDG22.2	3(2.2)	3"(80)		18.9	17.8	16.6	15.2	13.2	11.3	6.6	—	18.5	17.4	15.8	13.6	11.3	8.7	5.4	—	—
80HDG23.7	5(3.7)	3"(80)		25.4	24.4	23.4	22.3	21.0	19.1	15.2	10.1	25.2	24.0	22.8	21.3	19.1	16.8	14.3	11.4	—

HDG SERIES SUBMERSIBLE SLURRY DEWATERING PUMPS

80HDG25.5 · 100HDG25.5 · 100HDG27.5 · 150HDG25.5 · 150HDG27.5

SPECIFICATIONS

Item	Description
Limits of Use	Liquid Temp. 0~40°C(32~104°F)
Applications	Dewatering Fluid Contain Solid Sediment
Frequency	50Hz
Motor	2P(3000rpm) · Dry Motor
Insulation	Class H
Protection	IP68
Protector	Auto-cut
Bearing	Ball type
M.seal	Double M.seals
Impeller	Close (80HDG25.5:Open)
Upper Cover	FC200
Motor Frame	FC200
Shaft	SUS304
M.seal	CA/CE & SiC/SiC
Casing	FC200
Impeller	HiCrFC
Wear plate	HiCrFC(For Open)
Wear ring	HiCrFC(For Close)
Agitator	FCD700
Cable	VCT or H07RN-F or SOW
Optional	—



80HDG25.5 · 100HDG25.5 ·
100HDG27.5 · 150HDG25.5 · 150HDG27.5



Open Impeller



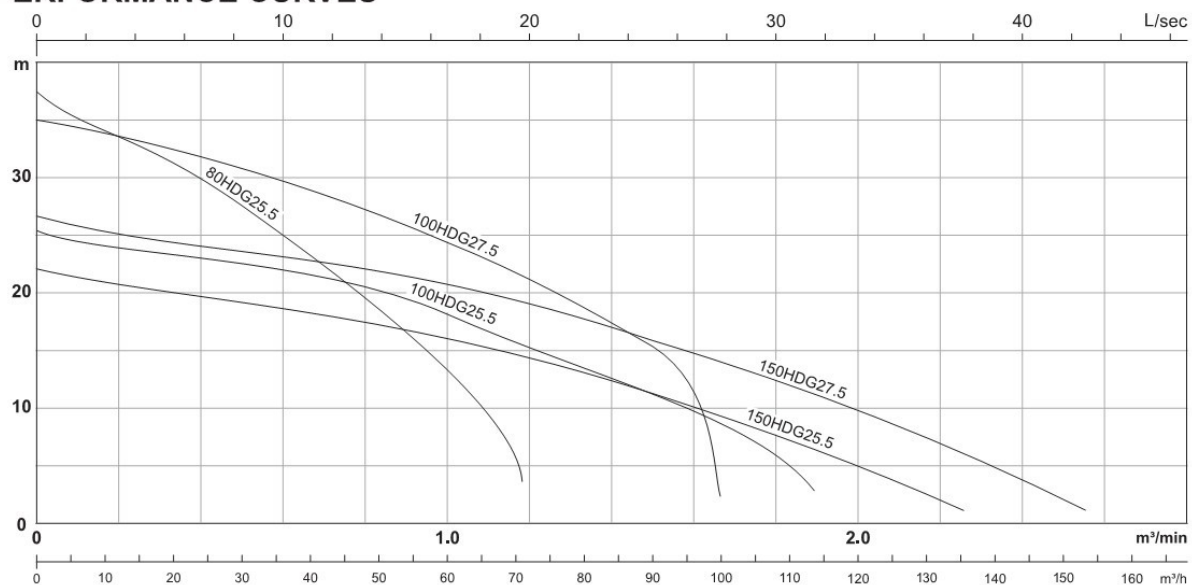
Close Impeller



Agitator

Model	Power HP(kW)	Discharge inch(mm)	Standard		MAX		Solid Passage mm(inch)	Weight(W/O Cable)		Phase Voltage	Full load Ampere						
			m-m³/min	m-m³/h	m-m³/min	m-m³/h		1Ø-kg(lbs)	3Ø-kg(lbs)		1Ø	1Ø	3Ø	3Ø	3Ø	3Ø	3Ø
80HDG25.5	7.5(5.5)	3"(80)	27-0.5	27-30	37-1.2	37-72	10(3/8")	—	73(161)	—	—	—	21.2	11.8	11.6	11.6	9.3
100HDG25.5	7.5(5.5)	4"(100)	18-1.0	18-60	25-1.9	25-114	10(3/8")	—	76(168)		—	—	21.2	11.8	11.6	11.6	9.3
100HDG27.5	10(7.5)	4"(100)	24-1.0	24-60	35-1.7	35-102	10(3/8")	—	81(179)		—	—	28.6	15.6	15.3	15.3	12.5
150HDG25.5	7.5(5.5)	6"(150)	11-1.5	11-90	22-2.3	22-138	10(3/8")	—	79(174)		—	—	21.2	11.8	11.6	11.6	9.3
150HDG27.5	10(7.5)	6"(150)	16-1.5	16-90	26-2.6	26-156	10(3/8")	—	82(181)		—	—	28.6	15.6	15.3	15.3	12.5

PERFORMANCE CURVES



Model	Power HP(kW)	Discharge inch(mm)	Q:m³/min Q:m³/h	0.2	0.4	0.6	0.8	1.2	1.6	2	2.4	Q:L/sec	5	10	15	20	25	30	35	40
				12	24	36	48	72	96	120	144		32.0	25.0	16.6	—	—	—	—	—
80HDG25.5	7.5(5.5)	3"(80)	H:m	33.6	30.0	25.0	19.6	—	—	—	—	H:m	32.0	25.0	16.6	—	—	—	—	—
100HDG25.5	7.5(5.5)	4"(100)		24.0	23.0	22.0	20.6	15.3	9.8	—	—		23.5	22.0	19.6	15.3	11.3	6.0	—	—
100HDG27.5	10(7.5)	4"(100)		33.6	31.8	29.7	27.2	21.2	11.4	—	—		32.8	29.7	25.8	21.2	15.4	—	—	—
150HDG25.5	7.5(5.5)	6"(150)		20.8	19.7	18.6	17.5	14.4	10.1	5.0	—		20.2	18.6	16.8	14.4	11.3	7.6	3.6	—
150HDG27.5	10(7.5)	6"(150)		25.1	24.0	23.2	22.1	19.1	14.8	9.8	3.8		24.6	23.2	21.5	19.1	15.8	12.4	8.4	3.8

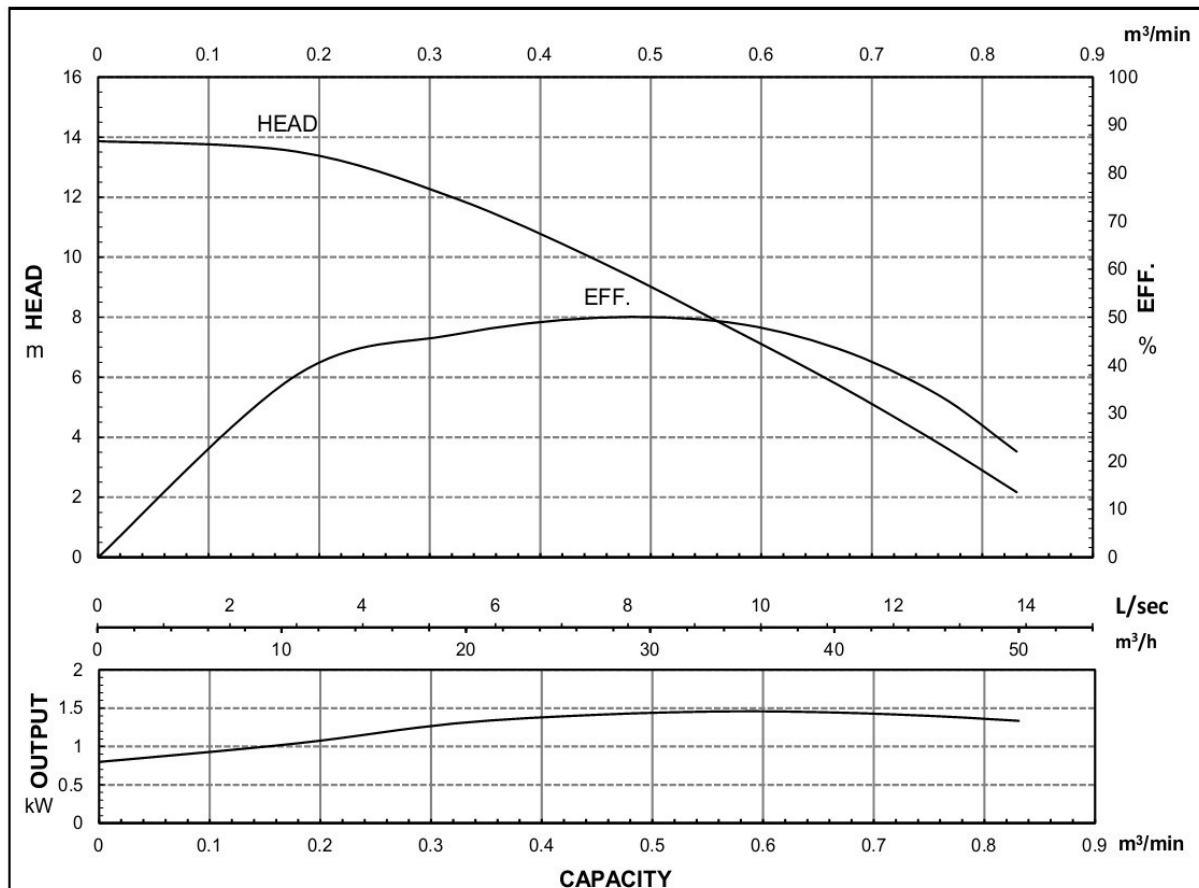


HCP PUMP

FILE NO. PC-M-E5-80HDG21.51

PUMP PERFORMANCE CURVES

MODEL	80HDG21.5					VER. NO. AI0118	
	STANDARD SPECIFICATION					REFERENCE SPECIFICATION	
FREQUENCY	50					Hz	
DISCHARGE	3	inch	/	80	mm		
OUTPUT	2	HP	/	1.5	kW	HP	kW
HEAD	9					m	
CAPACITY	0.5					m ³ /min	
PHASE/VOLTAGE	1	Ø	220 V	230 V	240 V	Ø	V
RATED CURRENT		10.4 A	10.0 A	9.8 A			A
POLE / rpm	2	P	/	2800	rpm		
START METHOD	CAPACITOR START						
INSULATION CLASS	F						
REMARK							



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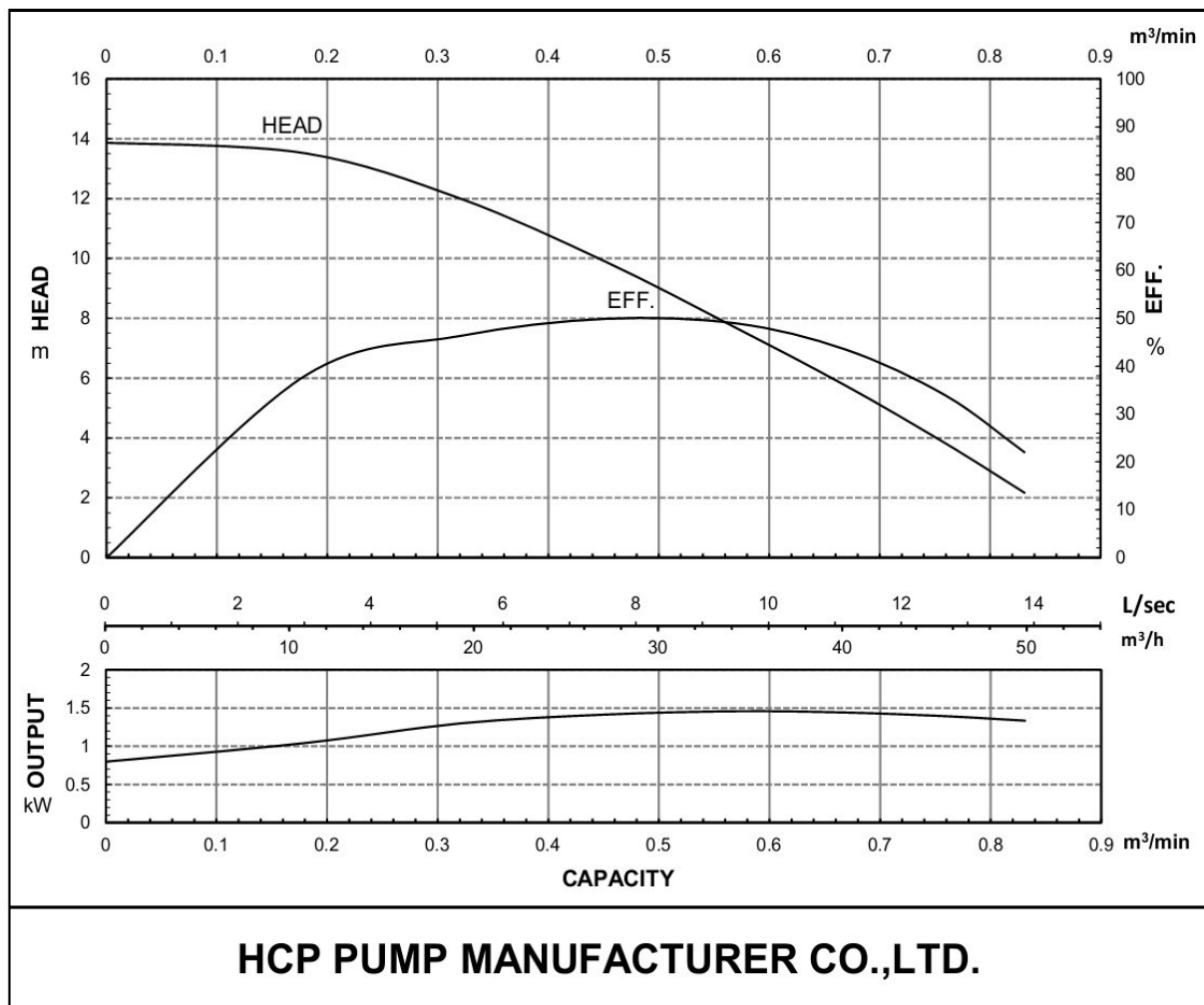


HCP PUMP

FILE NO. PC-M-E5-80HDG21.53

PUMP PERFORMANCE CURVES

MODEL	80HDG21.5					VER. NO. AI0118	
	STANDARD SPECIFICATION					REFERENCE SPECIFICATION	
FREQUENCY	50					Hz	
DISCHARGE	3	inch	/	80	mm		
OUTPUT	2	HP	/	1.5	kW	HP	kW
HEAD	9					m	
CAPACITY	0.5					m ³ /min	
PHASE/VOLTAGE	3 Ø	230 V	380 V	400 V	415 V	525 V	Ø V
RATED CURRENT		6.1 A	3.6 A	3.4 A	3.4 A	2.7 A	A
POLE / rpm	2	P	/	2800	rpm		
START METHOD	DIRECT						
INSULATION CLASS	F						
REMARK							



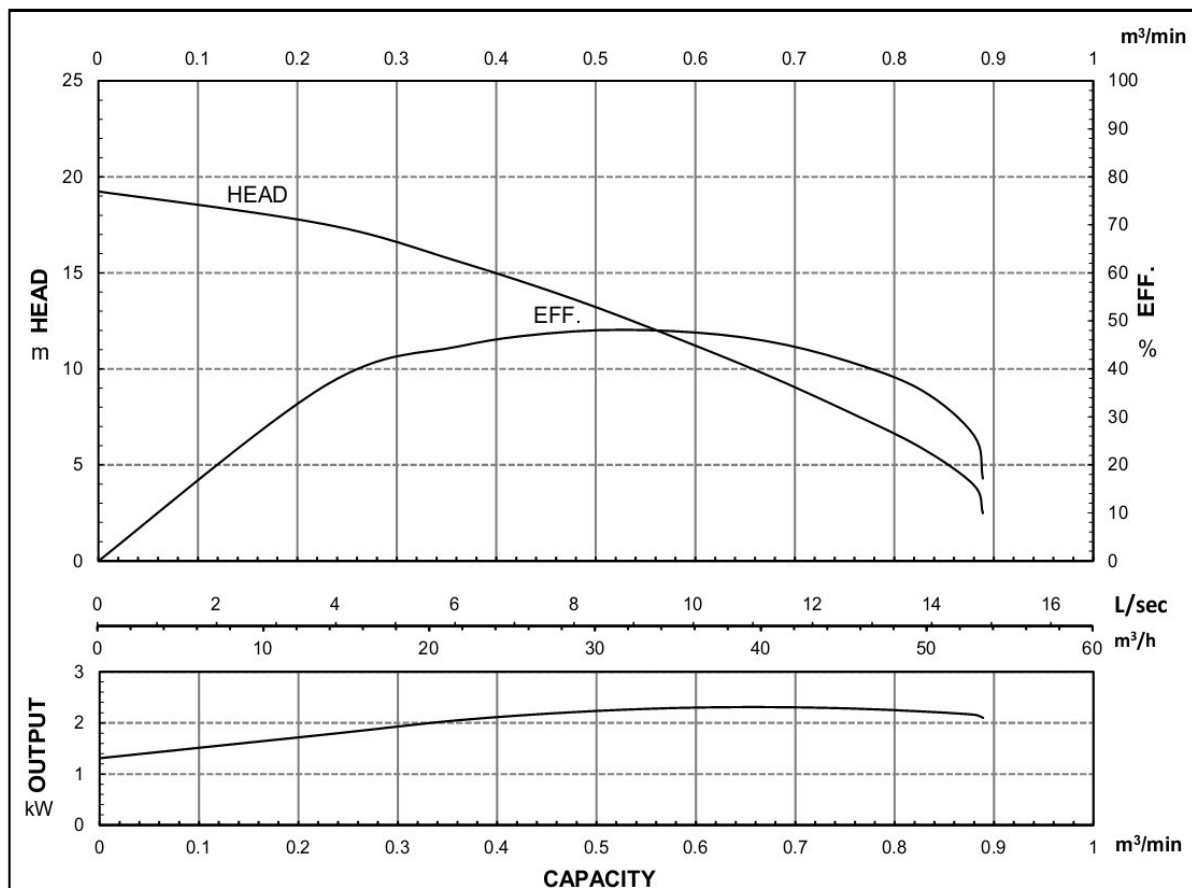


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FILE NO. PC-M-E5-80HDG22.21

PUMP PERFORMANCE CURVES

MODEL	80HDG22.2					VER. NO. AI0118	
	STANDARD SPECIFICATION					REFERENCE SPECIFICATION	
FREQUENCY	50					Hz	
DISCHARGE	3	inch	/	80	mm		
OUTPUT	3	HP	/	2.2	kW	HP	kW
HEAD	13					m	
CAPACITY	0.5					m ³ /min	
PHASE/VOLTAGE	1	Ø	220 V	230 V	240 V	Ø	V
RATED CURRENT		15.0 A	14.6 A	14.6 A			A
POLE / rpm	2	P	/	2820	rpm		
START METHOD	CAPACITOR START						
INSULATION CLASS	F						
REMARK							



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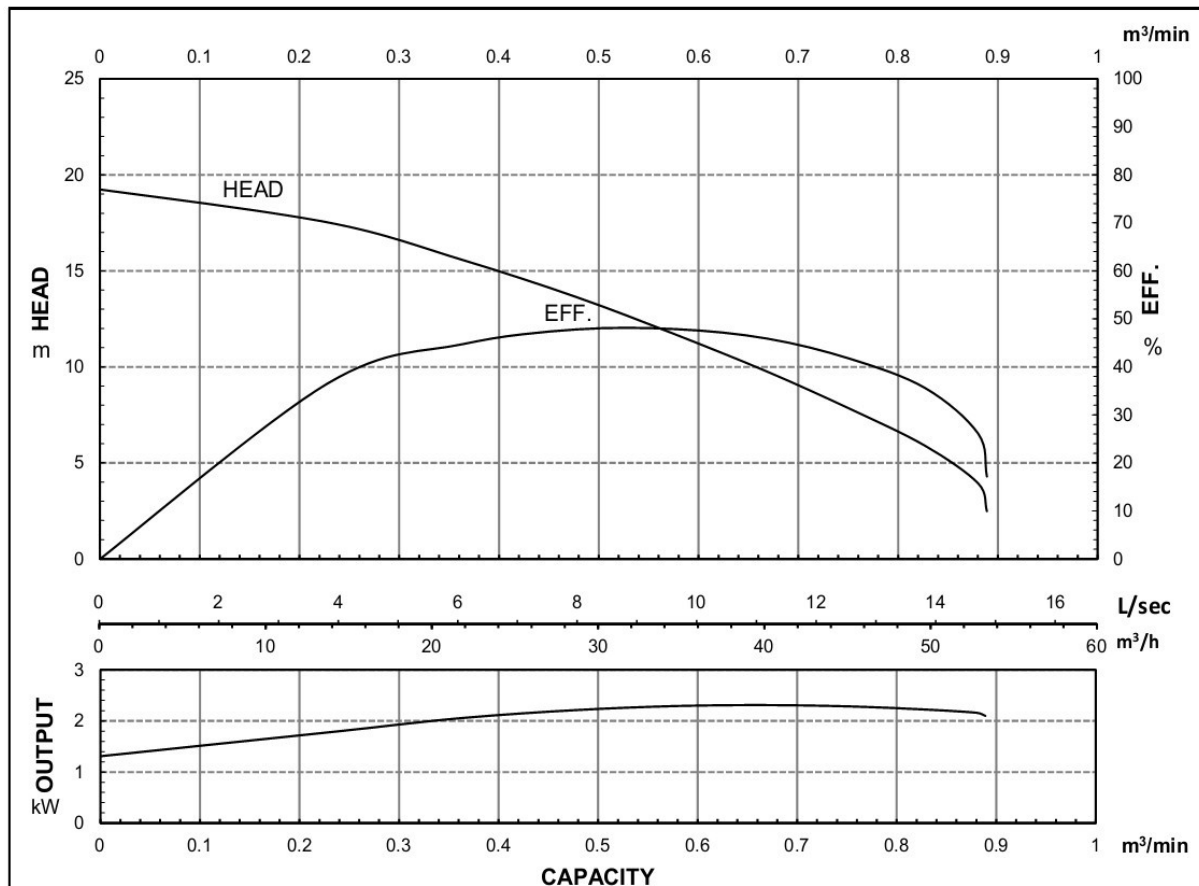


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FILE NO. PC-M-E5-80HDG22.23

PUMP PERFORMANCE CURVES

MODEL	80HDG22.2					VER. NO. AI0118	
	STANDARD SPECIFICATION					REFERENCE SPECIFICATION	
FREQUENCY	50					Hz	
DISCHARGE	3	inch	/	80	mm		
OUTPUT	3	HP	/	2.2	kW	HP	kW
HEAD	13					m	
CAPACITY	0.5					m ³ /min	
PHASE/VOLTAGE	3 Ø	230 V	380 V	400 V	415 V	525 V	Ø V
RATED CURRENT		8.7 A	5.2 A	4.9 A	4.8 A	3.9 A	A
POLE / rpm	2	P	/	2820	rpm		
START METHOD	DIRECT						
INSULATION CLASS	F						
REMARK							



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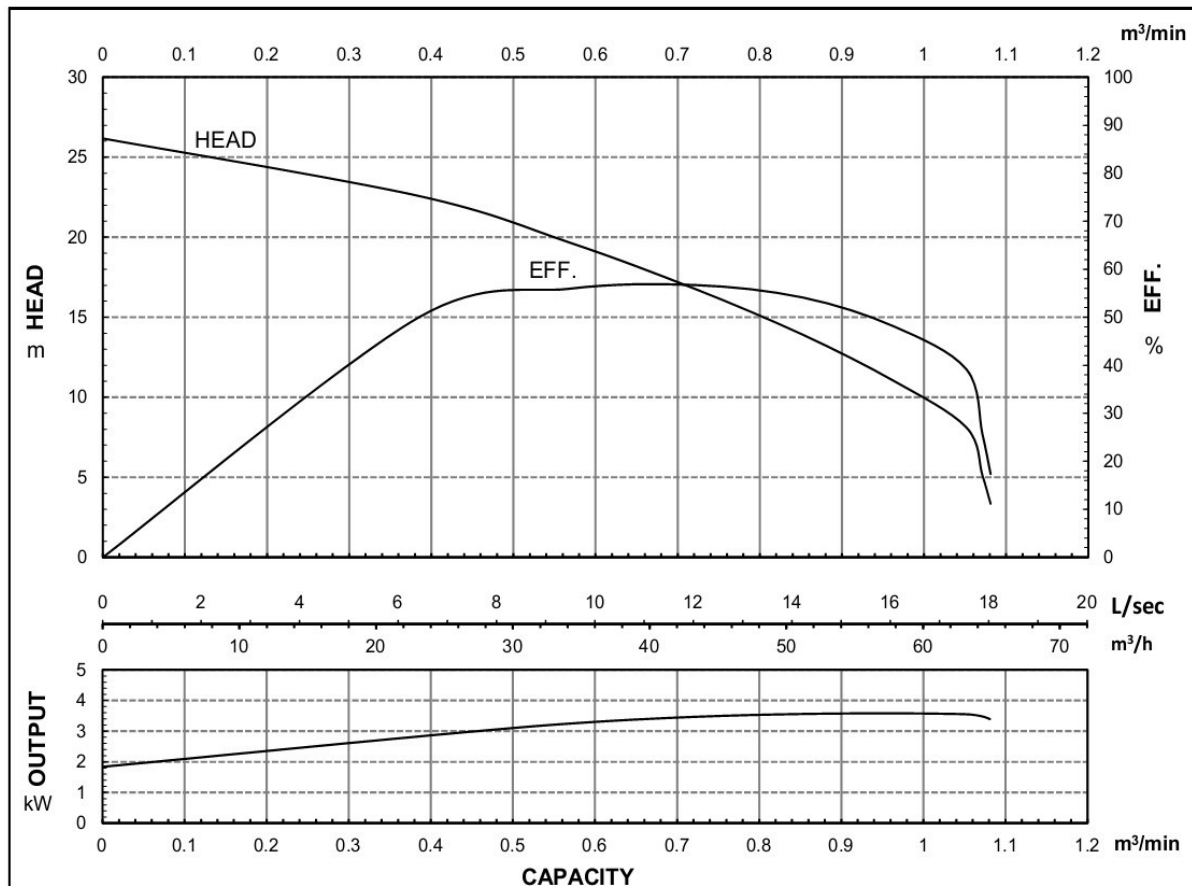


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FILE NO. PC-M-E5-80HDG23.73

PUMP PERFORMANCE CURVES

MODEL	80HDG23.7					VER. NO. AI0118	
	STANDARD SPECIFICATION					REFERENCE SPECIFICATION	
FREQUENCY	50					Hz	
DISCHARGE	3	inch	/	80	mm		
OUTPUT	5	HP	/	3.7	kW	HP	kW
HEAD	21					m	
CAPACITY	0.5					m ³ /min	
PHASE/VOLTAGE	3	Ø	230 V	380 V	400 V	415 V	525 V
RATED CURRENT		14.3 A	8.3 A	7.9 A	7.9 A	6.3 A	A
POLE / rpm	2	P	/	2800	rpm		
START METHOD	DIRECT						
INSULATION CLASS	F						
REMARK							



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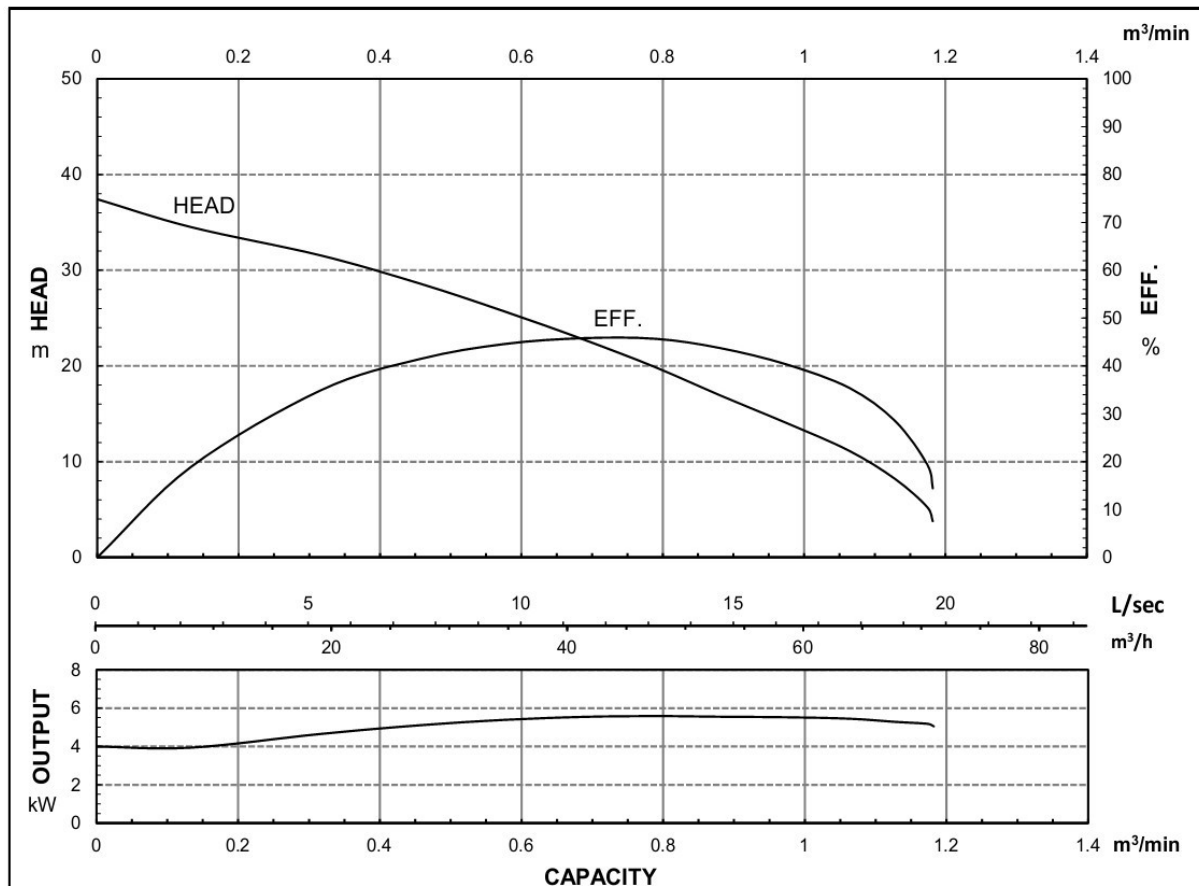


HCP PUMP

FILE NO. PC-M-E5-80HDG25.53

PUMP PERFORMANCE CURVES

MODEL	80HDG25.5					VER. NO. AI0118	
	STANDARD SPECIFICATION					REFERENCE SPECIFICATION	
FREQUENCY	50					Hz	
DISCHARGE	3	inch	/	80	mm		
OUTPUT	7.5	HP	/	5.5	kW	HP	kW
HEAD	27					m	
CAPACITY	0.5					m ³ /min	
PHASE/VOLTAGE	3 Ø	230 V	380 V	400 V	415 V	525 V	Ø V
RATED CURRENT		21.2 A	11.8 A	11.6 A	11.6 A	9.3 A	A
POLE / rpm	2	P	/	2850	rpm		
START METHOD	DIRECT						
INSULATION CLASS	H						
REMARK							



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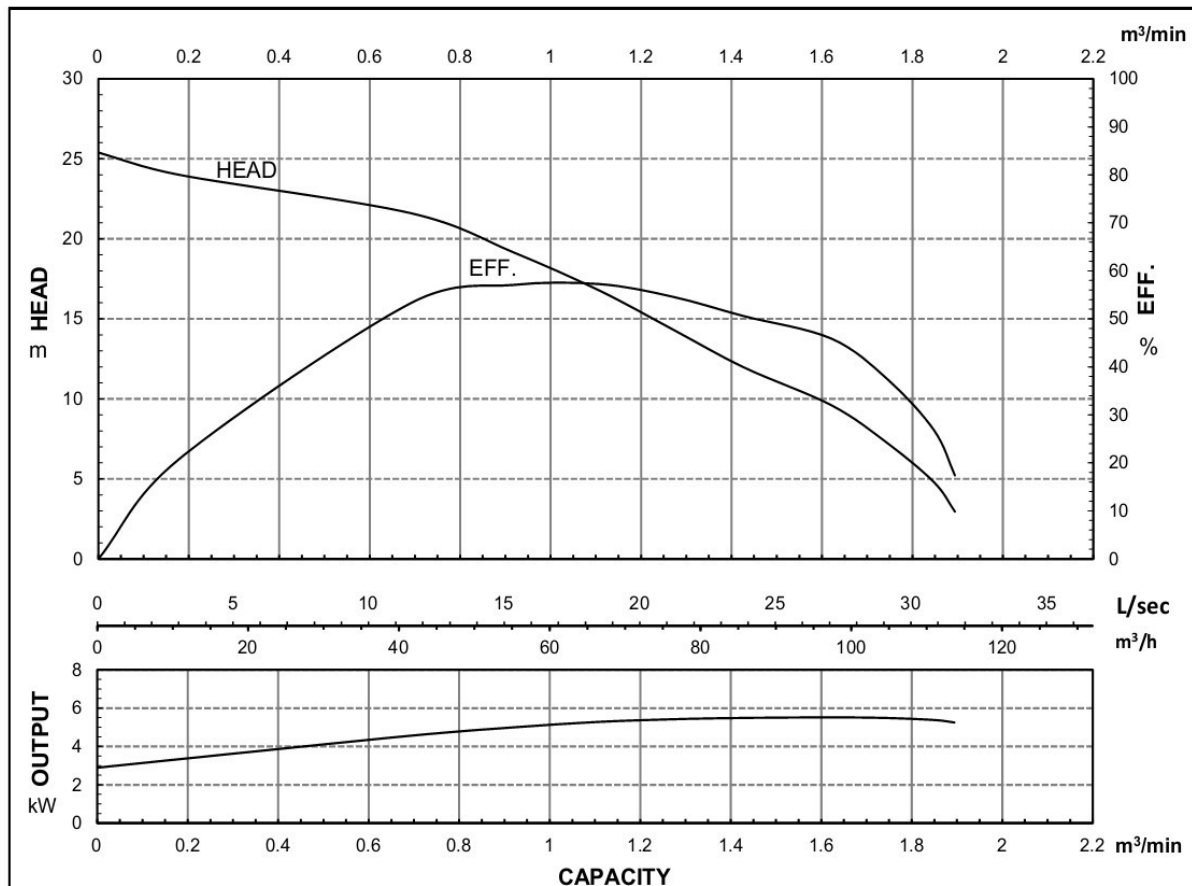


HCP PUMP

FILE NO. PC-M-E5-100HDG25.53

PUMP PERFORMANCE CURVES

MODEL	100HDG25.5					VER. NO. AI0118	
	STANDARD SPECIFICATION					REFERENCE SPECIFICATION	
FREQUENCY	50					Hz	
DISCHARGE	4	inch	/	100	mm		
OUTPUT	7.5	HP	/	5.5	kW	HP	kW
HEAD	18					m	
CAPACITY	1					m ³ /min	
PHASE/VOLTAGE	3	Ø	230 V	380 V	400 V	415 V	525 V
RATED CURRENT		21.2 A	11.8 A	11.6 A	11.6 A	9.3 A	A
POLE / rpm	2	P	/	2850	rpm		
START METHOD	DIRECT						
INSULATION CLASS	H						
REMARK							



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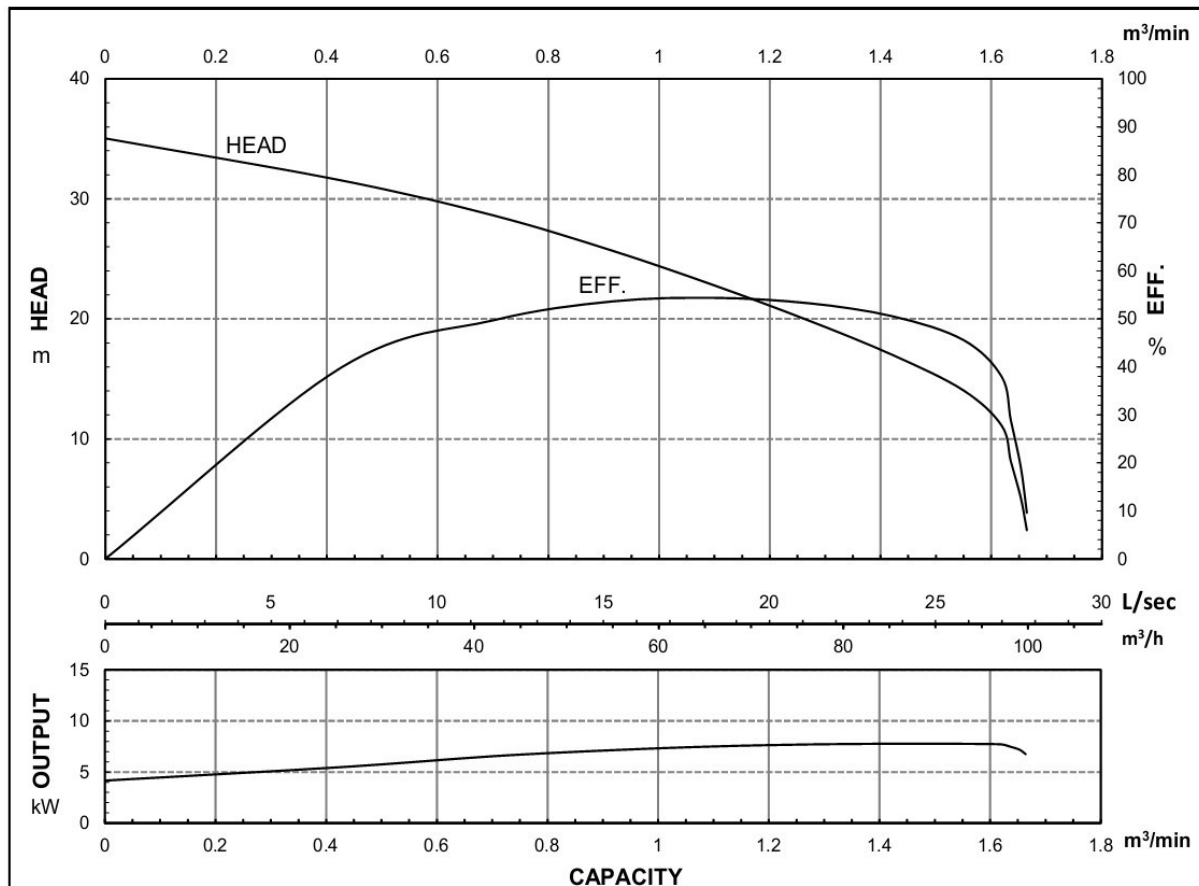


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FILE NO. PC-M-E5-100HDG27.53

PUMP PERFORMANCE CURVES

MODEL	100HDG27.5					VER. NO. AI0118	
	STANDARD SPECIFICATION					REFERENCE SPECIFICATION	
FREQUENCY	50					Hz	
DISCHARGE	4	inch	/	100	mm		
OUTPUT	10	HP	/	7.5	kW	HP	kW
HEAD	24					m	
CAPACITY	1					m ³ /min	
PHASE/VOLTAGE	3	Ø	230 V	380 V	400 V	415 V	525 V
RATED CURRENT		28.6 A	15.6 A	15.3 A	15.3 A	12.5 A	A
POLE / rpm	2	P	/	2850	rpm		
START METHOD	DIRECT						
INSULATION CLASS	H						
REMARK							



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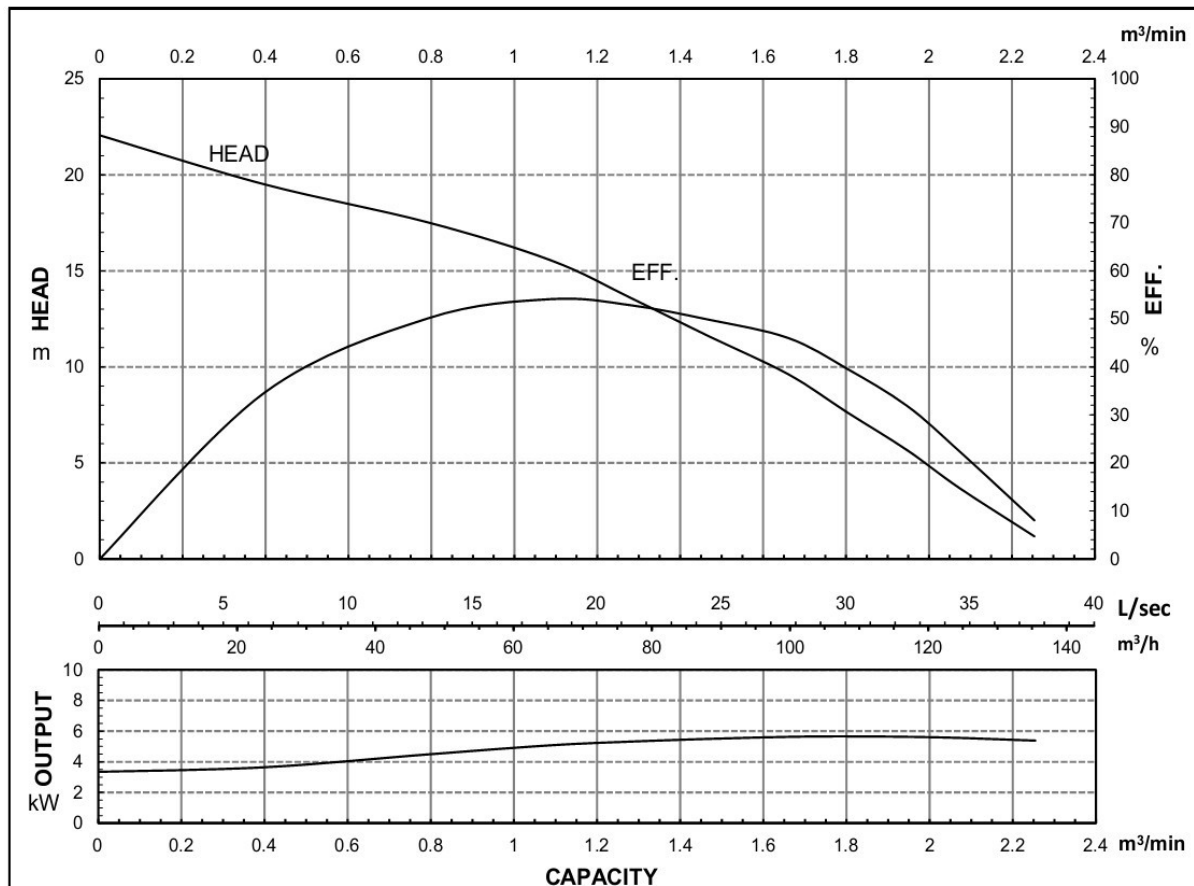


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FILE NO. PC-M-E5-150HDG25.53

PUMP PERFORMANCE CURVES

MODEL	150HDG25.5					VER. NO. AI0118	
	STANDARD SPECIFICATION					REFERENCE SPECIFICATION	
FREQUENCY	50					Hz	
DISCHARGE	6	inch	/	150	mm		
OUTPUT	7.5	HP	/	5.5	kW	HP	kW
HEAD	11					m	
CAPACITY	1.5					m ³ /min	
PHASE/VOLTAGE	3	Ø	230 V	380 V	400 V	415 V	525 V
RATED CURRENT		21.2 A	11.8 A	11.6 A	11.6 A	9.3 A	A
POLE / rpm	2	P	/	2850	rpm		
START METHOD	DIRECT						
INSULATION CLASS	H						
REMARK							



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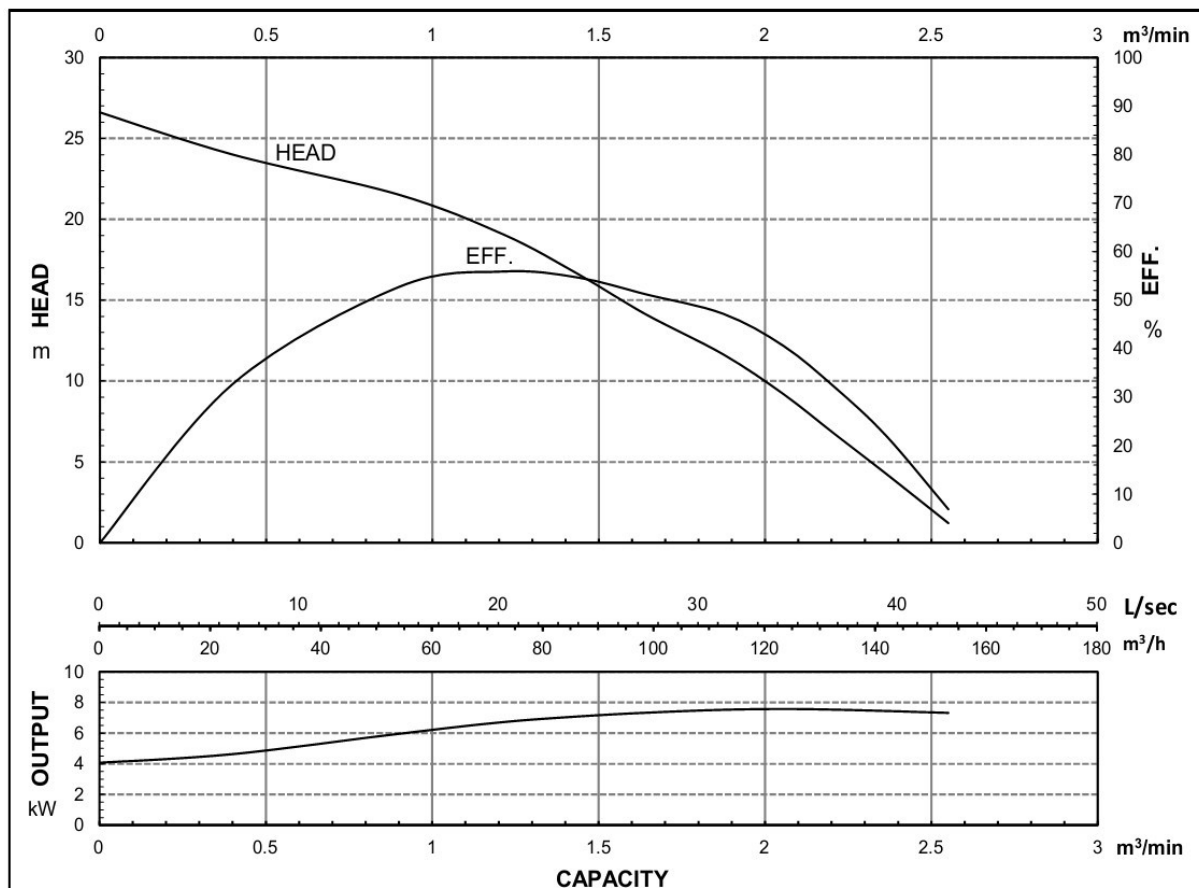


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FILE NO. PC-M-E5-150HDG27.53

PUMP PERFORMANCE CURVES

MODEL	150HDG27.5					VER. NO. AI0118	
	STANDARD SPECIFICATION					REFERENCE SPECIFICATION	
FREQUENCY	50					Hz	
DISCHARGE	6	inch	/	150	mm		
OUTPUT	10	HP	/	7.5	kW	HP	kW
HEAD	16					m	
CAPACITY	1.5					m ³ /min	
PHASE/VOLTAGE	3	Ø	230 V	380 V	400 V	415 V	525 V
RATED CURRENT		28.6 A	15.6 A	15.3 A	15.3 A	12.5 A	A
POLE / rpm	2	P	/	2850	rpm		
START METHOD	DIRECT						
INSULATION CLASS	H						
REMARK							

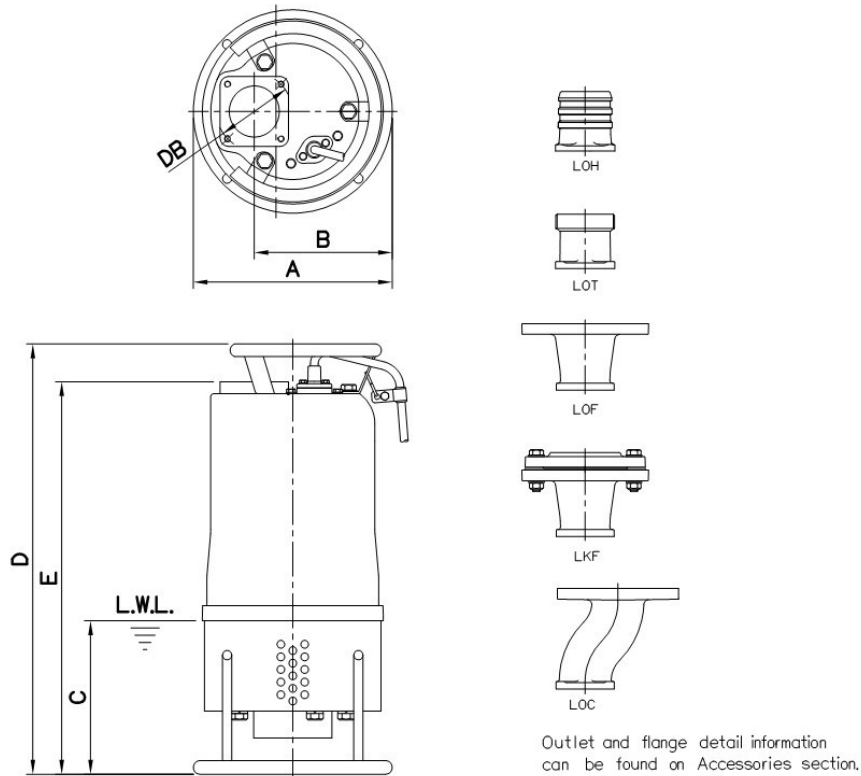


HCP PUMP MANUFACTURER CO.,LTD.



HDG SERIES

DIMENSIONS

No: S3HDG237030-00
MODEL: 80HDG21.5/22.2/23.7
50Hz 1Ø/3Ø


Dimensions-mm

Weight:kg

Model		A	B	C	D	E	DB	WT1	Optional Outlet Accessories				
									LOH	LOT	LOF	LKF	LOC
80HDG21.5	1Ø	260	179	195	592	546	98	41	LOH3-98	LOT3-98	LOF3-150-160*98	LKF3-150*98	LOC3-150*98
80HDG21.5	3Ø	260	179	195	547	502	98	36	LOH3-98	LOT3-98	LOF3-150-160*98	LKF3-150*98	LOC3-150*98
80HDG22.2	1Ø	260	179	195	622	577	98	45	LOH3-98	LOT3-98	LOF3-150-160*98	LKF3-150*98	LOC3-150*98
80HDG22.2	3Ø	260	179	195	547	502	98	40	LOH3-98	LOT3-98	LOF3-150-160*98	LKF3-150*98	LOC3-150*98
80HDG23.7	3Ø	260	179	195	577	532	98	45	LOH3-98	LOT3-98	LOF3-150-160*98	LKF3-150*98	LOC3-150*98

Dimensions-inch

Weight:lb

Model		A	B	C	D	E	DB	WT1	Optional Outlet Accessories				
									LOH	LOT	LOF	LKF	LOC
80HDG21.5	1Ø	10 3/4	7 1/16	7 11/16	23 5/16	21 1/2	3 7/8	90	LOH3-98	LOT3-98	LOF3-150-160*98	LKF3-150*98	LOC3-150*98
80HDG21.5	3Ø	10 3/4	7 1/16	7 11/16	21 1/16	19 3/4	3 7/8	79	LOH3-98	LOT3-98	LOF3-150-160*98	LKF3-150*98	LOC3-150*98
80HDG22.2	1Ø	10 3/4	7 1/16	7 11/16	24 1/2	22 1/4	3 7/8	99	LOH3-98	LOT3-98	LOF3-150-160*98	LKF3-150*98	LOC3-150*98
80HDG22.2	3Ø	10 3/4	7 1/16	7 11/16	21 1/16	19 3/4	3 7/8	88	LOH3-98	LOT3-98	LOF3-150-160*98	LKF3-150*98	LOC3-150*98
80HDG23.7	3Ø	10 3/4	7 1/16	7 11/16	22 1/4	20 1/4	3 7/8	99	LOH3-98	LOT3-98	LOF3-150-160*98	LKF3-150*98	LOC3-150*98

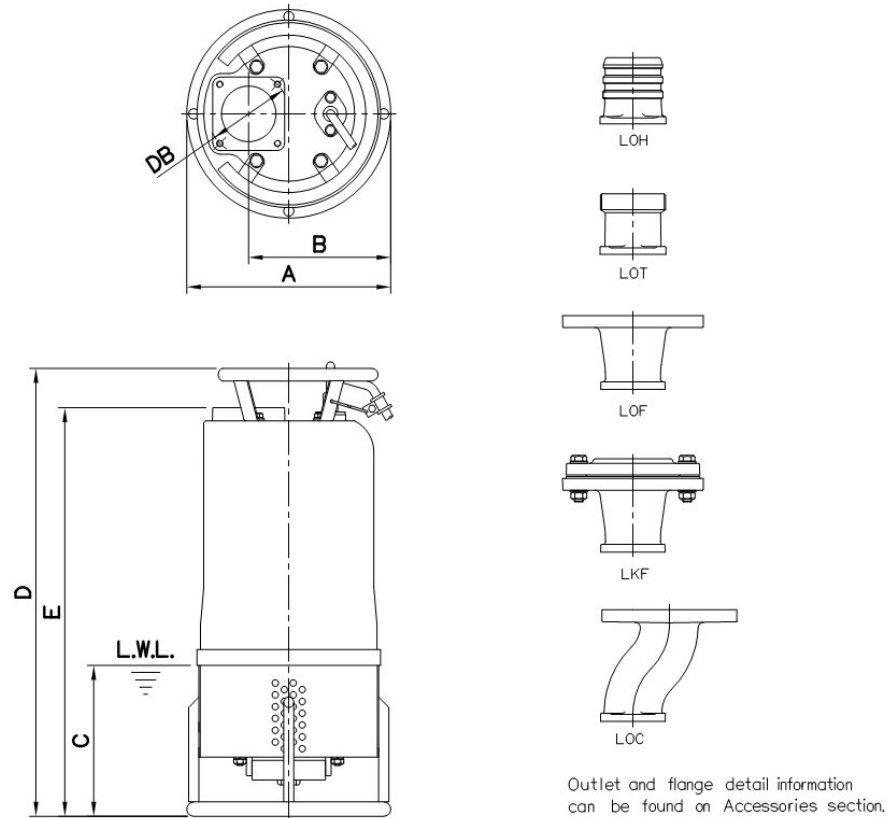
L.W.L.:Lowest Running Water Level

WT1: Pump Weight (Without Cable)



HDG SERIES

DIMENSIONS

No: S6HDG275030-00
MODEL: 80HDG25.5&100HDG25.5/27.5&150HDG25.5/27.5
50Hz 3Ø


Dimensions-mm

Weight:kg

Model	A	B	C	D	E	DB	WT1	Optional Outlet Accessories				
								LOH	LOT	LOF	LKF	LOC
80HDG25.5	318	221	200	683	623	127	73	LOH3-127	LOT3-127	LOF3-150-160*127	LKF3-150*127	LOC3-150*127
100HDG25.5	318	221	200	683	623	127	76	LOH4-127	LOT4-127	LOF4-175-190*127	LKF4-175*127	-
100HDG27.5	318	221	200	683	623	127	81	LOH4-127	LOT4-127	LOF4-175-190*127	LKF4-175*127	-
150HDG25.5	318	221	200	683	623	127	79	LOH6-127	LOT6-127	LOF6-240*127	LKF6-240*127	-
150HDG27.5	318	221	200	683	623	127	82	LOH6-127	LOT6-127	LOF6-240*127	LKF6-240*127	-

Dimensions-inch

Weight:lb

Model	A	B	C	D	E	DB	WT1	Optional Outlet Accessories				
								LOH	LOT	LOF	LKF	LOC
80HDG25.5	12½	8⅞	7⅞	26⅞	24½	5	161	LOH3-127	LOT3-127	LOF3-150-160*127	LKF3-150*127	LOC3-150*127
100HDG25.5	12½	8⅞	7⅞	26⅞	24½	5	168	LOH4-127	LOT4-127	LOF4-175-190*127	LKF4-175*127	-
100HDG27.5	12½	8⅞	7⅞	26⅞	24½	5	179	LOH4-127	LOT4-127	LOF4-175-190*127	LKF4-175*127	-
150HDG25.5	12½	8⅞	7⅞	26⅞	24½	5	174	LOH6-127	LOT6-127	LOF6-240*127	LKF6-240*127	-
150HDG27.5	12½	8⅞	7⅞	26⅞	24½	5	181	LOH6-127	LOT6-127	LOF6-240*127	LKF6-240*127	-

L.W.L.:Lowest Running Water Level

WT1: Pump Weight (Without Cable)



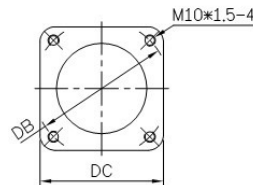
HDG SERIES

DIMENSIONS

No: SOHDG0000000-00

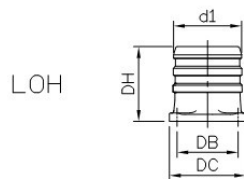
MODEL: Outlet (3"~6")

OUTLET CONNECTION

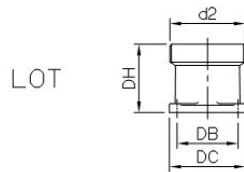


Model	mm		inch	
	DB	DC	DB	DC
1.5~3.7kW	98	89	3 7/8	3 1/2
5.5~7.5kW	127	112	5	4 1/2

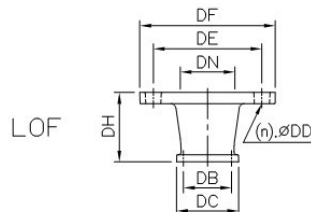
OPTIONAL OUTLET ACCESSORIES



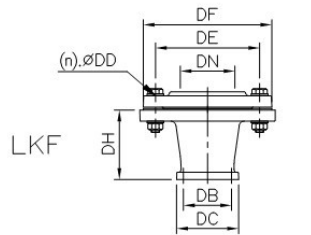
LOH	Dimensions-mm				kg	Dimensions-inch				lb
	d1	DB	DC	DH		d1	DB	DC	DH	
LOH3-98	80	98	89	100	2	3	3 7/8	3 1/2	3 3/8	4
LOH3-127	80	127	112	110	2	3	5	4 1/2	4 3/8	4
LOH4-127	100	127	112	110	3	4	5	4 1/2	4 3/8	7
LOH6-127	150	127	112	172	5	6	5	4 1/2	6 3/4	11



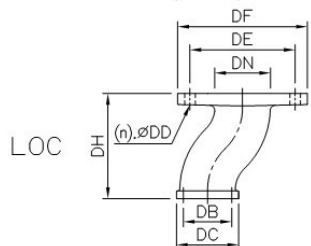
LOT	Dimensions-mm				kg	Dimensions-inch				lb	Thread Available		
	d2	DB	DC	DH		d2	DB	DC	DH				
LOT3-98	80	98	89	80	2	3	3 7/8	3 1/2	3 1/8	4	PF	PT	NPT
LOT3-127	80	127	112	85	2	3	5	4 1/2	3 3/8	4	PF	PT	NPT
LOT4-127	100	127	112	85	2	4	5	4 1/2	3 3/8	4	PF	PT	NPT
LOT6-127	150	127	112	140	4	6	5	4 1/2	5 1/2	9	PF	PT	NPT



LOF	Dimensions-mm							kg	Dimensions-inch							lb	(n)QTY
	DN	DB	DC	DD	DE	DF	DH		Weight	DN	DB	DC	DD	DE	DF		
LOF3-150-160*98	80	98	89	19	150~160	195	100	4	3	3 3/4	3 1/2	3 1/4	5 3/4~6 5/8	7 1/2	3 3/8	9	8
LOF3-150-160*127	80	127	112	19	150~160	195	110	7	3	5	4 1/2	3 1/4	5 3/4~6 5/8	7 1/2	4 3/8	15	8
LOF4-175-190*127	100	127	112	19	175~190	225	110	10	4	5	4 1/2	3 1/4	6 1/8~7 1/2	8 1/2	4 3/8	22	8
LOF6-240*127	150	127	112	23	240	280	140	14	6	5	4 1/2	7/8	9 7/8	11	5 1/2	31	8



LKF	Dimensions-mm							kg		Dimensions-inch							lb		(n)QTY	Thread Available
	DN	DB	DC	DD	DE	DF	DH	Weight	DN	DB	DC	DD	DE	DF	DH	Weight				
LKF3-150*98	80	98	89	15	150	185	100	8	3	3 3/8	3 1/2	3 1/4	5 3/4	7 1/2	3 1/8	18	8	PT	NPT	
LKF3-150*127	80	127	112	15	150	185	110	8	3	5	4 1/2	3 1/4	5 3/4	7 1/2	4 3/8	15	8	PT	NPT	
LKF4-175*127	100	127	112	15	175	210	110	10	4	5	4 1/2	3 1/4	6 1/8	8 1/2	4 3/8	22	8	PT	NPT	
LKF6-240*127	150	127	112	23	240	280	140	20	6	5	4 1/2	7/8	9 1/8	11	5 1/2	44	8	PT	NPT	



LOC	Dimensions-mm							kg	Dimensions-inch							lb	(n)QTY
	DN	DB	DC	DD	DE	DF	DH		Weight	DN	DB	DC	DD	DE	DF		
LOC3-150*98	80	98	89	15	150	185	150	5	3	3 7/8	3 1/2	9/16	5 3/4	7 1/2	5 3/4	11	8
LOC3-150*127	80	127	112	15	150	185	180	6	3	5	4 1/16	9/16	5 3/4	7 7/8	7 1/16	13	8



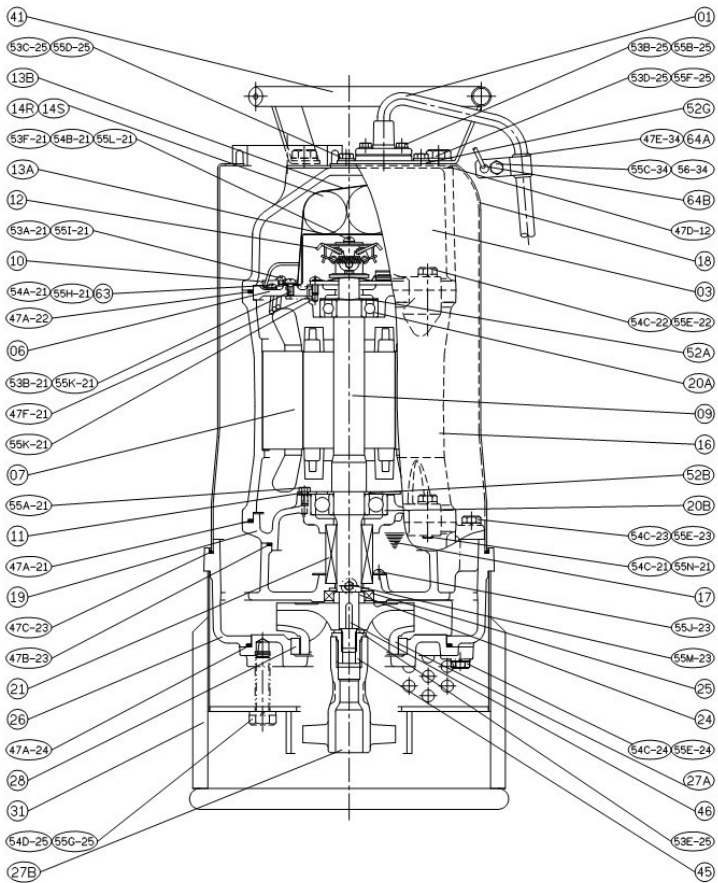
HDG SERIES

SECTIONAL VIEWS

No: 03HDG215010-00

MODEL: 80HDG21.5

1Ø



No.	Part name	Material	QTY	Remark
01	Cable		1	
03	Upper cover	FC200	1	
06	Bracket	FC200	1	
07	Stator		1	
09	Shaft end	SUS403	1	
10	Auto-cut		1	
11	Bearing fixer	SPCC	1	
12	Centrifugal switch		1	
14R	Capacitor		1	
14S	Start capacitor		1	
16	Motor frame	FC200	1	
17	Lubricant			
18	Outer cover	SUS304	1	
19	Bearing bracket	FC200	1	

No.	Part name	Material	QTY	Remark
20A	Bearing		1	
20B	Bearing		1	
21	M.seal	CA / CE & SIC / SIC	1	
24	Oil seal bush	SUS403	1	
25	Oil seal	SUS304+MBR	1	
26	Casing	FC200	1	
27A	Impeller	HiCrFC	1	
27B	Agitator	FCD700	1	
28	Casing cover	FC200	1	
	+Wear ring	HiCrFC	1	
31	Strainer	SUS304	1	
41	Handle	SUS304	1	
46	Impeller key	SUS304	1	
47	Gasket			



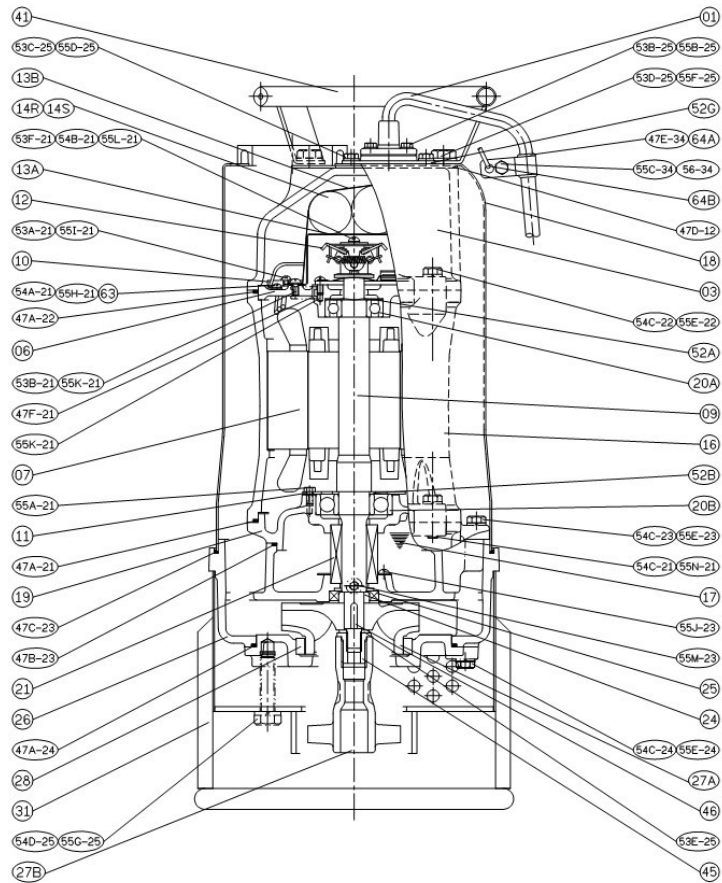
HDG SERIES

SECTIONAL VIEWS

No: 03HDG222010-00

MODEL: 80HDG22.2

1Ø



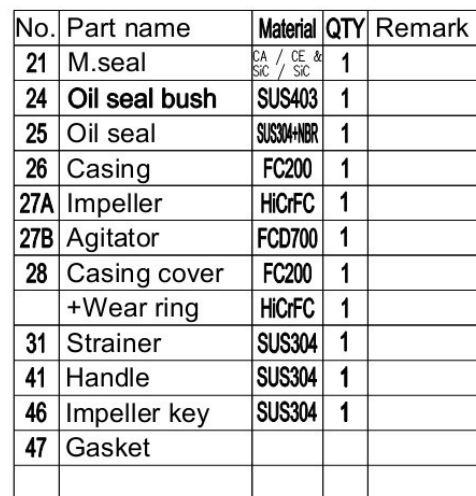
No.	Part name	Material	QTY	Remark
01	Cable		1	
03	Upper cover	FC200	1	
06	Bracket	FC200	1	
07	Stator		1	
09	Shaft end	SUS403	1	
10	Auto-cut		1	
11	Bearing fixer	SPCC	1	
12	Centrifugal switch		1	
14R	Capacitor		1	
14S	Start capacitor		1	
16	Motor frame	FC200	1	
17	Lubricant			
18	Outer cover	SUS304	1	
19	Bearing bracket	FC200	1	

No.	Part name	Material	QTY	Remark
20A	Bearing		1	
20B	Bearing		1	
21	M.seal	CA / CE & SIC / SIC	1	
24	Oil seal bush	SUS403	1	
25	Oil seal	SUS304+MBR	1	
26	Casing	FC200	1	
27A	Impeller	HiCrFC	1	
27B	Agitator	FCD700	1	
28	Casing cover	FC200	1	
	+Wear ring	HiCrFC	1	
31	Strainer	SUS304	1	
41	Handle	SUS304	1	
46	Impeller key	SUS304	1	
47	Gasket			



No: 03HDG222030-00

30





No: 03HDG237030-00

30





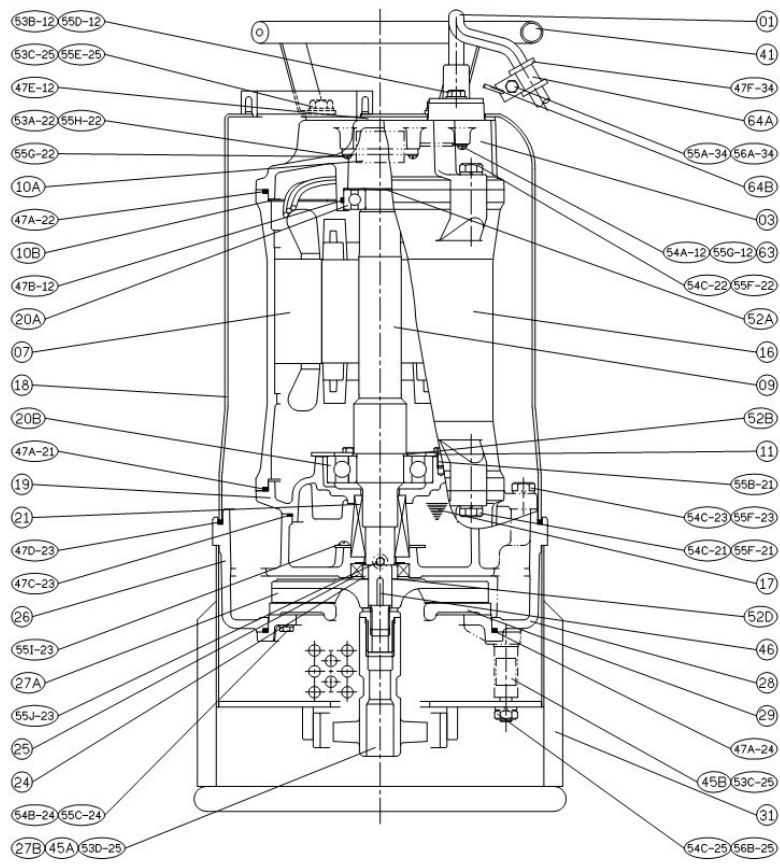
HDG SERIES

SECTIONAL VIEWS

No: 03HDG255030-00

MODEL: 80HDG25.5

3Ø



No.	Part name	Material	QTY	Remark
01	Cable		1	
03	Upper cover	FC200	1	
07	Stator		1	
09	Shaft end	SUS304	1	
10A	Auto-cut		1	
10B	Auto-cut plate		1	
11	Bearing fixer	SPCC	1	
16	Motor frame	FC200	1	
17	Lubricant			
18	Outer cover	SUS304	1	
19	Bearing bracket	FC200	1	
20A	Bearing		1	
20B	Bearing		1	

No.	Part name	Material	QTY	Remark
21	M.seal	CA / CE & SIC / SIC	1	
24	Oil seal bush	SUS403	1	
25	Oil seal	SUS304+HBR	1	
26	Casing	FC200	1	
27A	Impeller	HiCrFC	1	
27B	Agitator	FCD700	1	
28	Casing cover	FC200	1	
29	Wear plate	HiCrFC	1	
31	Strainer	SUS304	1	
41	Handle	SUS304	1	
46	Impeller key	SUS304	1	
47	Gasket			



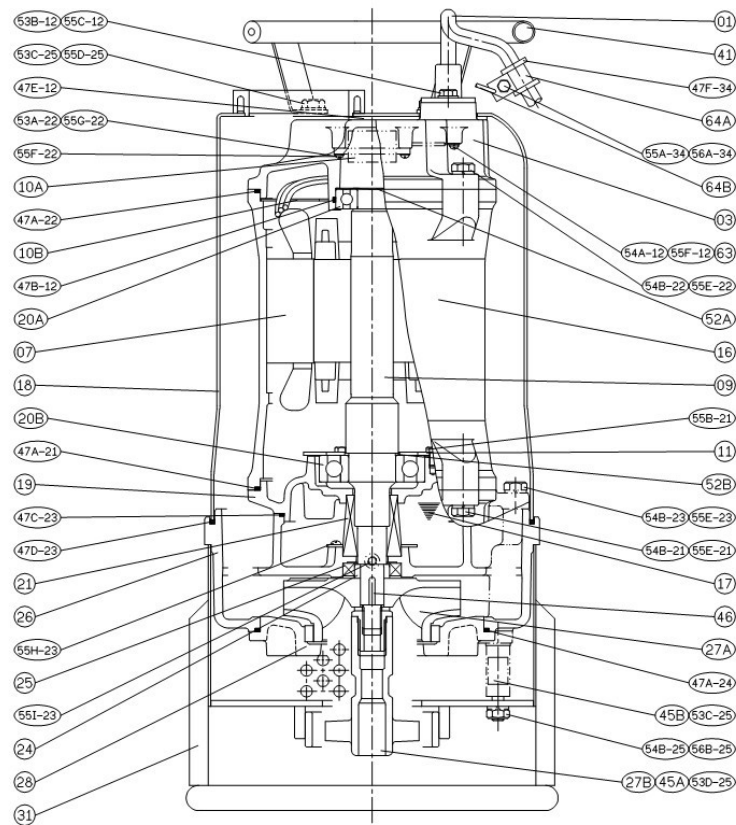
HDG SERIES

SECTIONAL VIEWS

No: 06HDG275030-00

MODEL: 100HDG25.5/27.5 & 150HDG25.5/27.5

3Ø



No.	Part name	Material	QTY	Remark
01	Cable		1	
03	Upper cover	FC200	1	
07	Stator		1	
09	Shaft end	SUS304	1	
10A	Auto-cut		1	
10B	Auto-cut plate		1	
11	Bearing fixer	SPCC	1	
16	Motor frame	FC200	1	
17	Lubricant			
18	Outer cover	SUS304	1	
19	Bearing bracket	FC200	1	
20A	Bearing		1	
20B	Bearing		1	

No.	Part name	Material	QTY	Remark
21	M.seal	CA / CE & SIC / SIC	1	
24	Oil seal bush	SUS403	1	
25	Oil seal	SUS304+HBR	1	
26	Casing	FC200	1	
27A	Impeller	HiCrFC	1	
27B	Agitator	FCD700	1	
28	Casing cover	FC200	1	
	+Wear ring	HiCrFC	1	
31	Strainer	SUS304	1	
41	Handle	SUS304	1	
46	Impeller key	SUS304	1	
47	Gasket			



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Professionalism • Innovation • Service • Commitment

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