Jinbo Marine

Marine & Offshore Equipment Datasheet

PRODUCT DATASHEET

CENTRIFUGAL PUMP

JGGC2-9/S Marine Centrifugal Pump

ISO9001 Supplier

Class Certificate

Export Supply

JGGC2-9/S Marine Centrifugal Pump JGGC/QDLF is a kind of multifunctional products. It can be used to convey various mediums from tap water to industrial liquid at different temperature and with different flow rate ...

Key Highlights

Category	Centrifugal Pump
Standard	DIN
Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.

Technical Specifications

Category	Centrifugal Pump	Model / SKU	JGGC2-9-S-Marine-Centrifugal-Pump
Standard	DIN	Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS
Warranty	12 Months unless specified otherwise	Origin	China

CONTENTS

JGGC2-9/S Marine Centrifugal Pump

JGGC/QDLF is a kind of multifunctional products. It can be used to convey various mediums from tap water to industrial liquid at different temperature and with different flow rate and pressure. JGGC/QDL type is applicable to conveying non-corrosive liquid, white JGGCN/QDLF is suitable for slightly corrosive liquid.

·Water supply: Water filter and transport in waterworks, boosting of main pipeline, boosting in high-rise buildings.

·Industrial boosting: Process flow water system, cleaning system, high-pressure washing system, and fire fighting system.

·Industrial liquid conveying: Pump For Marine Cooling and air-conditioning system, boiler water supply and condensing system, machine-associated purpose, acids and alkali,

·Water treatment: Ultra filtration system, reverse osmosis system, distillation system, separator, swimming pool

·Irrigation: Farmland irrigation, spray irrigation, dripping irrigation

JGGC/QDLF is a kind of vertical non–self-priming multistage centrifugal pump, which is driven by a standard electric motor. The motor output shaft directly connects with the bet pump shaft through a coupling.

The pressure-resistant cylinder and flow passage components are fixed between pump head and in-and Outlet section with tie-bar bolts the inlet and outlet is Located at the pump bottom at the same plane. This Kind of pump can be equipped with an intelligent protector to effectively prevent it from dry running,

Out-of-phase and overload.

Pumps for Marine

Our product driven by Y-H marine motor is approved by China classification society that It is suitable to match with marine product as a boiler feed pump of for other use .

Explosion-proof Electric Pumps

Our product driven by YB type explosion-proof motor is suitable for various class explosion dangerous environments.

Electric motor

Full-enclosed air-blast two-pole standard motor

protection class : IP55

Insulation class : F

Standard voltage : 50Hz :1×220-230/240V

3×200-220/346-380V

3×220-240/380-415V

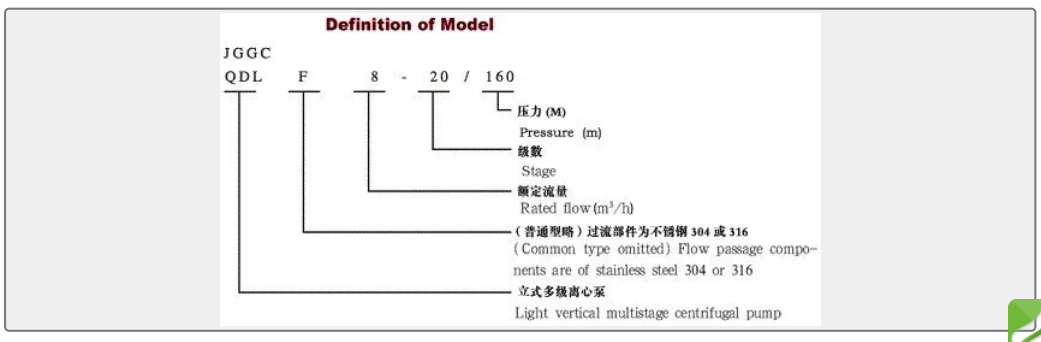
3×380-415V

60Hz :3×200-230/346-400V

3×220-255/380-440V

3×220-277/380-480V

Data Sheet:



Model	JGGC2-9/S
Capacity	2.88m3/hour
Total Head	70m
Power	2.2kw
Speed	2900r/min
Temperature resistance	120℃

JGGC Series Marine Centrifugal Pump

Model	Stages	Standard voltage:50Hz 380V				Standard voltage:60Hz 440V				efficiency
		n:Speed(r/min)2900				n:Speed(r/min)3500				
		Rated flow		Pressure	Motor	Rated flow		Pressure	Motor	
	n	m3/h	l/s	m	kw	m3/h	l/s	m	kw	%

JGGC0.6 QDLF0.6	2	0.3	0.08	17	0.55	0.36	0.1	24.9	0.75	12.5
		0.6	0.16	16		0.72	0.19	22.9		18
		0.8	0.22	14.6		0.96	0.26	20.9		22
	3	0.3	0.08	25.5	0.55	0.36	0.1	36.4	0.75	12.5
		0.6	0.16	24		0.72	0.19	34.3		18
		0.8	0.22	21.9		0.96	0.26	31.3		22
	4	0.3	0.08	34	0.55	0.36	0.1	48.6	0.75	12.5
		0.6	0.16	32		0.72	0.19	45.7		18
		0.8	0.22	29.2		0.96	0.26	41.7		22
	5	0.3	0.08	42.5	0.75	0.36	0.1	60.7	1.1	12.5
		0.6	0.16	40		0.72	0.19	57.1		18
		0.8	0.22	36.5		0.96	0.26	52.1		22
	6	0.3	0.08	51	0.75	0.36	0.1	72.9	1.1	12.5
		0.6	0.16	48		0.72	0.19	68.6		18
		0.8	0.22	43.8		0.96	0.26	62.6		22
	7	0.3	0.08	59.5	0.75	0.36	0.1	85	1.1	12.5
		0.6	0.16	56		0.72	0.19	80		18
		0.8	0.22	51.1		0.96	0.26	73		22
	8	0.3	0.08	68	1.1	0.36	0.1	97.1	1.5	12.5
		0.6	0.16	64		0.72	0.19	91.4		18
		0.8	0.22	58.4		0.96	0.26	83.4		22
	9	0.3	0.08	76.5	1.1	0.36	0.1	109.3	1.5	12.5
		0.6	0.16	72		0.72	0.19	102.9		18
		0.8	0.22	65.7		0.96	0.26	93.9		22
	10	0.3	0.08	85	1.1	0.36	0.1	121.4	1.5	12.5
		0.6	0.16	80		0.72	0.19	114.3		18
		0.8	0.22	73		0.96	0.26	104.3		22
	11	0.3	0.08	93.5	1.1	0.36	0.1	133.6	1.5	12.5
		0.6	0.16	88		0.72	0.19	125.7		18
		0.8	0.22	80.3		0.96	0.26	114.7		22
	12	0.3	0.08	102	1.1	0.36	0.1	145.7	2.2	12.5
		0.6	0.16	96		0.72	0.19	137.1		18
		0.8	0.22	87.6		0.96	0.26	125.1		

	13	0.3	0.08	110.5	1.5	0.36	0.1	157.9	2.2	12.5
		0.6	0.16	104		0.72	0.19	148.6		18
		0.8	0.22	94.9		0.96	0.26	135.6		22
	14	0.3	0.08	119	1.5	0.36	0.1	170	2.2	12.5
		0.6	0.16	112		0.72	0.19	160		18
		0.8	0.22	102.2		0.96	0.26	146		22
	15	0.3	0.08	127.5	1.5	0.36	0.1	182.1	2.2	12.5
		0.6	0.16	120		0.72	0.19	171.4		18
		0.8	0.22	109.5		0.96	0.26	156.4		22
	16	0.3	0.08	136	1.5	0.36	0.1	194.3	2.2	12.5
		0.6	0.16	128		0.72	0.19	182.9		18
		0.8	0.22	116.8		0.96	0.26	166.9		22
	17	0.3	0.08	144.5	1.5	0.36	0.1	206.4	3	12.5
		0.6	0.16	136		0.72	0.19	194.3		18
		0.8	0.22	124.1		0.96	0.26	177.3		22
	18	0.3	0.08	153	2.2	0.36	0.1	218.6	3	12.5
		0.6	0.16	144		0.72	0.19	205.7		18
		0.8	0.22	131.4		0.96	0.26	187.7		22
	19	0.3	0.08	161.5	2.2	0.36	0.1	230.7	3	12.5
		0.6	0.16	152		0.72	0.19	217.1		18
		0.8	0.22	138.7		0.96	0.26	198.1		22
	20	0.3	0.08	170	2.2	0.36	0.1	242.9	4	12.5
		0.6	0.16	160		0.72	0.19	228.6		18
		0.8	0.22	146		0.96	0.26	208.6		22
	21	0.3	0.08	178.5	2.2	0.36	0.1	255	4	12.5
		0.6	0.16	168		0.72	0.19	240		18
		0.8	0.22	153.3		0.96	0.26	219		22
	22	0.3	0.08	187	2.2	0.36	0.1	267.1	4	12.5
		0.6	0.16	176		0.72	0.19	251.4		18
		0.8	0.22	160.6		0.96	0.26	229.4		22
(NPSH)r:2m										
(D.of Impel)φ：95mm										
JGGC 2.4 Series vertical multi-stage centrifugal pump										

Model	Stages	Standard voltage:50Hz 380V				Standard voltage:60Hz 440V				efficiency
		n:Speed(r/min)2900				n:Speed(r/min)3500				
		Rated flow		Pressure	Motor	Rated flow		Pressure	Motor	
	n	m3/h	l/s	m	kw	m3/h	l/s	m	kw	%

JGGC2.4 QDLF2.4	2	1	0.28	18	0.55	1.2	0.34	25.7	1.1	32
		2	0.56	17		2.4	0.67	24.3		38
		2.4	0.67	16		2.88	0.8	22.9		39
	3	1	0.28	27	0.75	1.2	0.34	38.6	1.1	32
		2	0.56	25.5		2.4	0.67	36.4		38
		2.4	0.67	24		2.88	0.8	34.3		39
	4	1	0.28	36	1.1	1.2	0.34	51.4	1.5	32
		2	0.56	34		2.4	0.67	48.6		38
		2.4	0.67	32		2.88	0.8	45.7		39
	5	1	0.28	45	1.1	1.2	0.34	64.3	1.5	32
		2	0.56	42.5		2.4	0.67	60.7		38
		2.4	0.67	40		2.88	0.8	57.1		39
	6	1	0.28	54	1.5	1.2	0.34	77.1	2.2	32
		2	0.56	51		2.4	0.67	72.9		38
		2.4	0.67	48		2.88	0.8	68.6		39
	7	1	0.28	63	1.5	1.2	0.34	90	2.2	32
		2	0.56	59.5		2.4	0.67	85		38
		2.4	0.67	56		2.88	0.8	80		39
	8	1	0.28	72	1.5	1.2	0.34	102.9	2.2	32
		2	0.56	68		2.4	0.67	97.1		38
		2.4	0.67	64		2.88	0.8	91.4		39
	9	1	0.28	81	1.5	1.2	0.34	115.7	2.2	32
		2	0.56	76.5		2.4	0.67	109.3		38
		2.4	0.67	72		2.88	0.8	102.9		39
	10	1	0.28	90	1.5	1.2	0.34	128.6	3	32
		2	0.56	85		2.4	0.67	121.4		38
		2.4	0.67	80		2.88	0.8	114.3		39
	11	1	0.28	99	2.2	1.2	0.34	141.4	3	32
		2	0.56	93.5		2.4	0.67	133.6		38
		2.4	0.67	88		2.88	0.8	125.7		39
	12	1	0.28	108	2.2	1.2	0.34	154.3	3	32
		2	0.56	102		2.4	0.67	145.7		38
		2.4	0.67	96		2.88	0.8	137.1		

	13	1	0.28	117	2.2	1.2	0.34	167.1	3	32
		2	0.56	110.5		2.4	0.67	157.9		38
		2.4	0.67	104		2.88	0.8	148.6		39
	14	1	0.28	126	2.2	1.2	0.34	180	4	32
		2	0.56	119		2.4	0.67	170		38
		2.4	0.67	112		2.88	0.8	160		39
	15	1	0.28	135	2.2	1.2	0.34	192.9	4	32
		2	0.56	127.5		2.4	0.67	182.1		38
		2.4	0.67	120		2.88	0.8	171.4		39
	16	1	0.28	144	3	1.2	0.34	205.7	4	32
		2	0.56	136		2.4	0.67	194.3		38
		2.4	0.67	128		2.88	0.8	182.9		39
	17	1	0.28	153	3	1.2	0.34	218.6	4	32
		2	0.56	144.5		2.4	0.67	206.4		38
		2.4	0.67	136		2.88	0.8	194.3		39
	18	1	0.28	162	3	1.2	0.34	231.4	4	32
		2	0.56	153		2.4	0.67	218.6		38
		2.4	0.67	144		2.88	0.8	205.7		39
	19	1	0.28	171	3	1.2	0.34	244.3	4	32
		2	0.56	161.5		2.4	0.67	230.7		38
		2.4	0.67	152		2.88	0.8	217.1		39
	20	1	0.28	180	3	1.2	0.34	257.1	5.5	32
		2	0.56	170		2.4	0.67	242.9		38
		2.4	0.67	160		2.88	0.8	228.6		39
	21	1	0.28	189	3	1.2	0.34	270	5.5	32
		2	0.56	178.5		2.4	0.67	255		38
		2.4	0.67	168		2.88	0.8	240		39
	22	1	0.28	198	4	1.2	0.34	282.9	5.5	32
		2	0.56	187		2.4	0.67	267.1		38
		2.4	0.67	176		2.88	0.8	251.4		39
(NPSH)r:2m										
(D.of Impel)φ：95mm										
JGGC4 Series vertical multi-stage centrifugal pump										

Model	Stages	Standard voltage:50Hz 380V				Standard voltage:60Hz 440V				efficiency
		n:Speed(r/min)2900				n:Speed(r/min)3500				
		Rated flow		Pressure	Motor	Rated flow		Pressure	Motor	
	n	m3/h	l/s	m	kw	m3/h	l/s	m	kw	%

JGGC4 QDLF4	2	3	0.83	17	0.75	3.6	1	24.3	1.1	46
		4	1.11	16		4.8	1.33	22.9		48
		4.8	1.33	15		5.8	1.6	21.4		53
	3	3	0.83	25.5	0.75	3.6	1	36.4	1.1	46
		4	1.11	24		4.8	1.33	34.3		48
		4.8	1.33	22.5		5.8	1.6	32.1		53
	4	3	0.83	1.1	3.6	1	48.6	1.5	46	
		4	1.11		34	4.8	1.33		45.8	48
		4.8	1.33		32	5.8	1.6		42.9	53
		30								
	5	3	0.83	42.5	1.1	3.6	1	60.7	2.2	46
		4	1.11	40		4.8	1.33	57.1		48
		4.8	1.33	37.5		5.8	1.6	53.6		53
	6	3	0.83	51	1.5	3.6	1	72.9	2.2	46
		4	1.11	48		4.8	1.33	68.6		48
		4.8	1.33	45		5.8	1.6	64.3		53
	7	3	0.83	59.5	1.5	3.6	1	85	2.2	46
		4	1.11	56		4.8	1.33	80		48
		4.8	1.33	52.5		5.8	1.6	75		53
	8	3	0.83	68	2.2	3.6	1	97.1	3	46
		4	1.11	64		4.8	1.33	91.4		48
		4.8	1.33	60		5.8	1.6	85.7		53
	9	3	0.83	76.5	2.2	3.6	1	109.3	3	46
		4	1.11	72		4.8	1.33	102.9		48
		4.8	1.33	67.5		5.8	1.6	96.4		53
	10	3	0.83	85	2.2	3.6	1	121.4	3	46
		4	1.11	80		4.8	1.33	114.3		48
		4.8	1.33	75		5.8	1.6	107.1		53
	11	3	0.83	93.5	2.2	3.6	1	133.6	4	46
		4	1.11	88		4.8	1.33	125.7		48
		4.8	1.33	82.5		5.8	1.6	117.9		53

12	3	0.83	102	3	3.6	1	145.7	4	46
	4	1.11	96		4.8	1.33	137.1		48
	4.8	1.33	90		5.8	1.6	128.6		53
13	3	0.83	110	3	3.6	1	157.1	4	46
	4	1.11	104		4.8	1.33	148.6		48
	4.8	1.33	97		5.8	1.6	138.6		53
14	3	0.83	119	3	3.6	1	170	4	46
	4	1.11	112		4.8	1.33	160		48
	4.8	1.33	105		5.8	1.6	150		53
15	3	0.83	127	3	3.6	1	181.4	5.5	46
	4	1.11	120		4.8	1.33	171.4		48
	4.8	1.33	112		5.8	1.6	160		53
16	3	0.83	136	3	3.6	1	194.3	5.5	46
	4	1.11	128		4.8	1.33	182.9		48
	4.8	1.33	120		5.8	1.6	171.4		53
17	3	0.83	144	4	3.6	1	205.7	5.5	46
	4	1.11	136		4.8	1.33	194.3		48
	4.8	1.33	127		5.8	1.6	181.4		53
18	3	0.83	153	4	3.6	1	218.6	5.5	46
	4	1.11	144		4.8	1.33	205.7		48
	4.8	1.33	135		5.8	1.6	192.9		53
19	3	0.83	161	4	3.6	1	230	7.5	46
	4	1.11	152		4.8	1.33	217.1		48
	4.8	1.33	142		5.8	1.6	202.9		53
20	3	0.83	170	4	3.6	1	242.9	7.5	46
	4	1.11	160		4.8	1.33	228.6		48
	4.8	1.33	150		5.8	1.6	214.3		53
21	3	0.83	178	4	3.6	1	254.3	7.5	46
	4	1.11	168		4.8	1.33	240		48
	4.8	1.33	157		5.8	1.6	224.3		53
22	3	0.83	187	4	3.6	1	267.1	7.5	46
	4	1.11	176		4.8	1.33	251.4		48
	4.8	1.33	165		5.8	1.6	235.7		53

(NPSH)r:2m										
(D.of Impel)φ：95mm										
JGGC 8 Series vertical multi-stage centrifugal pump										
Model	Stages	Standard voltage:50Hz 380V				Standard voltage:60Hz 440V				efficiency
		n:Speed(r/min)2900				n:Speed(r/min)3500				
		Rated flow		Pressure	Motor	Rated flow		Pressure	Motor	
	n	m3/h	l/s	m	kw	m3/h	l/s	m	kw	%

JGGC8 QDLF8	2	6	1.67	18	1.1	7.2	2	25.7	1.5	52
		8	2.22	16		9.6	2.67	22.9		55
		10	2.78	13.6		12	3.34	19.4		57
	3	6	1.67	27	1.5	7.2	2	38.6	2.2	52
		8	2.22	24		9.6	2.67	34.3		55
		10	2.78	20.4		12	3.34	29.1		57
	4	6	1.67	36	2.2	7.2	2	51.4	3	52
		8	2.22	32		9.6	2.67	45.7		55
		10	2.78	27.2		12	3.34	38.9		57
	5	6	1.67	45	2.2	7.2	2	64.7	3	52
		8	2.22	40		9.6	2.67	57.1		55
		10	2.78	34		12	3.34	48.6		57
	6	6	1.67	54	2.2	7.2	2	77.1	4	52
		8	2.22	48		9.6	2.67	68.6		55
		10	2.78	40.8		12	3.34	58.3		57
	7	6	1.67	63	3	7.2	2	90	4	52
		8	2.22	56		9.6	2.67	80		55
		10	2.78	47.6		12	3.34	68		57
	8	6	1.67	72	3	7.2	2	102.9	5.5	52
		8	2.22	64		9.6	2.67	91.4		55
		10	2.78	54.4		12	3.34	77.7		57
	9	6	1.67	81	4	7.2	2	115.7	5.5	52
		8	2.22	72		9.6	2.67	102.9		55
		10	2.78	61.2		12	3.34	84.7		57
	10	6	1.67	90	4	7.2	2	128.6	5.5	52
		8	2.22	80		9.6	2.67	114.3		55
		10	2.78	68		12	3.34	97.1		57
	11	6	1.67	99	4	7.2	2	141.4	7.5	52
		8	2.22	88		9.6	2.67	125.7		55
		10	2.78	74.8		12	3.34	106.9		57
	12	6	1.67	108	5.5	7.2	2	154.3	7.5	52
		8	2.22	96		9.6	2.67	137.1		55
		10	2.78	81.6		12	3.34	116.6		57

	13	6	1.67	117	5.5	7.2	2	167.1	7.5	52
		8	2.22	104		9.6	2.67	148.6		55
		10	2.78	88.4		12	3.34	126.3		57
	14	6	1.67	126	5.5	7.2	2	180	7.5	52
		8	2.22	112		9.6	2.67	160		55
		10	2.78	95.2		12	3.34	136		57
	15	6	1.67	135	5.5	7.2	2	192.9	7.5	52
		8	2.22	120		9.6	2.67	171.4		55
		10	2.78	102		12	3.34	145.7		57
	16	6	1.67	144	5.5	7.2	2	205.7	11	52
		8	2.22	128		9.6	2.67	182.9		55
		10	2.78	109		12	3.34	155.7		57
	17	6	1.67	153	7.5	7.2	2	218.6	11	52
		8	2.22	136		9.6	2.67	194.3		55
		10	2.78	115		12	3.34	164.3		57
	18	6	1.67	162	7.5	7.2	2	231.4	11	52
		8	2.22	144		9.6	2.67	205.7		55
		10	2.78	122		12	3.34	174.3		57
	19	6	1.67	171	7.5	7.2	2	244.3	11	52
		8	2.22	152		9.6	2.67	217.1		55
		10	2.78	129		12	3.34	184.3		57
	20	6	1.67	180	7.5	7.2	2	257.1	15	52
		8	2.22	160		9.6	2.67	228.6		55
		10	2.78	136		12	3.34	194.3		57
	21	6	1.67	189	7.5	7.2	2	270	15	52
		8	2.22	168		9.6	2.67	240		55
		10	2.78	143		12	3.34	204.3		57
	22	6	1.67	198	7.5	7.2	2	282.9	15	52
		8	2.22	176		9.6	2.67	251.4		55
		10	2.78	150		12	3.34	214.3		57
(NPSH)r:2m										
(D.of Impel)φ：95mm										
JGGC 12.5 Series vertical multi-stage centrifugal pump										

Model	Stages	Standard voltag e:50Hz 380V				Standard voltage:60Hz 440V				efficiency
		n:Speed(r/min)2950				n:Speed(r/min)3540				
		Rated flow		Pressure	Motor	Rated flow		Pressure	Motor	
	n	m3/h	l/s	m	kw	m3/h	l/s	m	kw	%
JGGC12.5	2	9	2.5	32	2.2	10.8	3	45	4	54
QDLF12.5		12.5	3.74	30		15	4.17	42		60
16		4.44	27	19.2		5.33	38	60		
3	9	2.5	48	3	10.8	3	68	5.5	54	
	12.5	3.74	45		15	4.17	64		60	
	16	4.44	40		19.2	5.33	57		60	
4	9	2.5	64	4	10.8	3	91	7.5	54	
	12.5	3.74	60		15	4.17	85		60	
	16	4.44	54		19.2	5.33	77		60	
5	9	2.5	80	5.5	10.8	3	114	11	54	
	12.5	3.74	75		15	4.17	107		60	
	16	4.44	67		19.2	5.33	95		60	
6	9	2.5	96	7.5	10.8	3	137	15	54	
	12.5	3.74	90		15	4.17	128		60	
	16	4.44	80		19.2	5.33	114		60	
7	9	2.5	112	7.5	10.8	3	160	15	54	
	12.5	3.74	105		15	4.17	150		60	
	16	4.44	94		19.2	5.33	134		60	
8	9	2.5	128	11	10.8	3	182	18.5	54	
	12.5	3.74	120		15	4.17	171		60	
	16	4.44	107		19.2	5.33	152		60	
9	9	2.5	144	11	10.8	3	205	18.5	54	
	12.5	3.74	135		15	4.17	192		60	
	16	4.44	121		19.2	5.33	172		60	
10	9	2.5	160	11	10.8	3	228	18.5	54	
	12.5	3.74	150		15	4.17	214		60	
	16	4.44	134		19.2	5.33	191		60	

11	9	2.5	176	11	10.8	3	252	18.5	54
	12.5	3.74	165		15	4.17	235		60
	16	4.44	147		19.2	5.33	210		60
12	9	2.5	192	15	10.8	3	272	22	54
	12.5	3.74	180		15	4.17	257		60
	16	4.44	161		19.2	5.33	230		60
13	9	2.5	208	15	10.8	3	297	22	54
	12.5	3.74	195		15	4.17	278		60
	16	4.44	174		19.2	5.33	248		60
14	9	2.5	224	15	10.8	3	320	22	54
	12.5	3.74	210		15	4.17	300		60
	16	4.44	187		19.2	5.33	267		60
(NPSH)r:2.5m									
(D.of Impel)φ：119mm									