

DL(R)型 立式多级给(热)水泵

DL(R) type vertical multistage (hot) water feed pump

产品简介 Product introduction

DL(R)型立式多级给(热)水泵是立式、单吸、多级、分段式离心泵,可输送清水及物理化学物质类似于水的 80°C 以下(DLR型可输送介质温度为 150°C 以下)液体。具有结构紧凑、安装方便、运行平稳等特点。广泛应用于住宅、高层楼宇、工矿企业、消防与空调系统的供水设施。

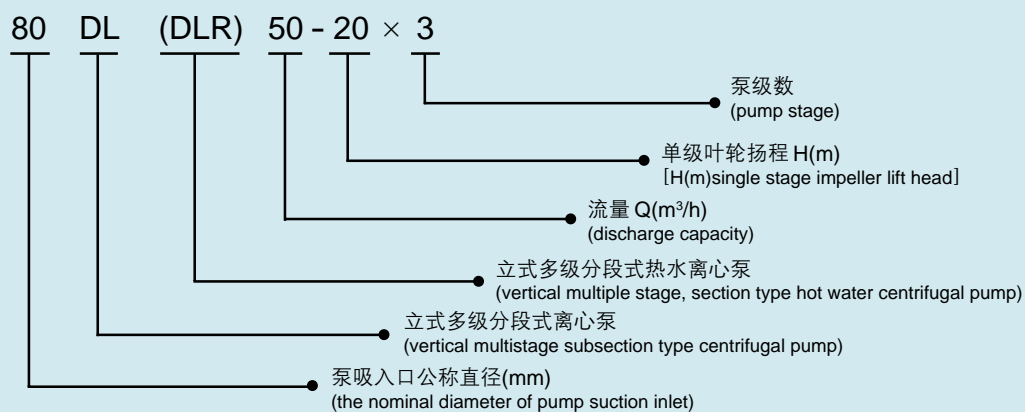
DL(R) type vertical multistage (hot) water feed pump is a kind of vertical, single suction, multistage, subsection type centrifugal pump and can deliver clear water and similar liquid with the temperature below 80°C (150°C for DLR type). Featured by compact structure, easy installation, reliable operation, etc., it is widely used for water supply in urban residence, skyscraper, industrial and mine establishments, fire fighting and air-conditioning system.



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型号说明 Type explanation



结构说明 Structure explanation

DL 型泵为立式结构，其吸入口位于进水段上，吐出口位于出水段上。泵为径向吸入，径向排出，吸入口与排出口的相对位置呈 0° 、 90° 、 180° 、 270° 四种形式，根据安装使用不同，可自由调整进出水口的位置。

DL type pump is structured vertical with its suction inlet at the inlet section, discharging mouth at the water outlet section. It is a radial suction, radial discharging pump, with its suction inlet and discharging mouth has positioned in four forms, at respectively 0° degree, 90° degrees, 180° degrees and 270° degrees. The positions of suction and discharging mouths can be adjusted freely according to installations and usages.



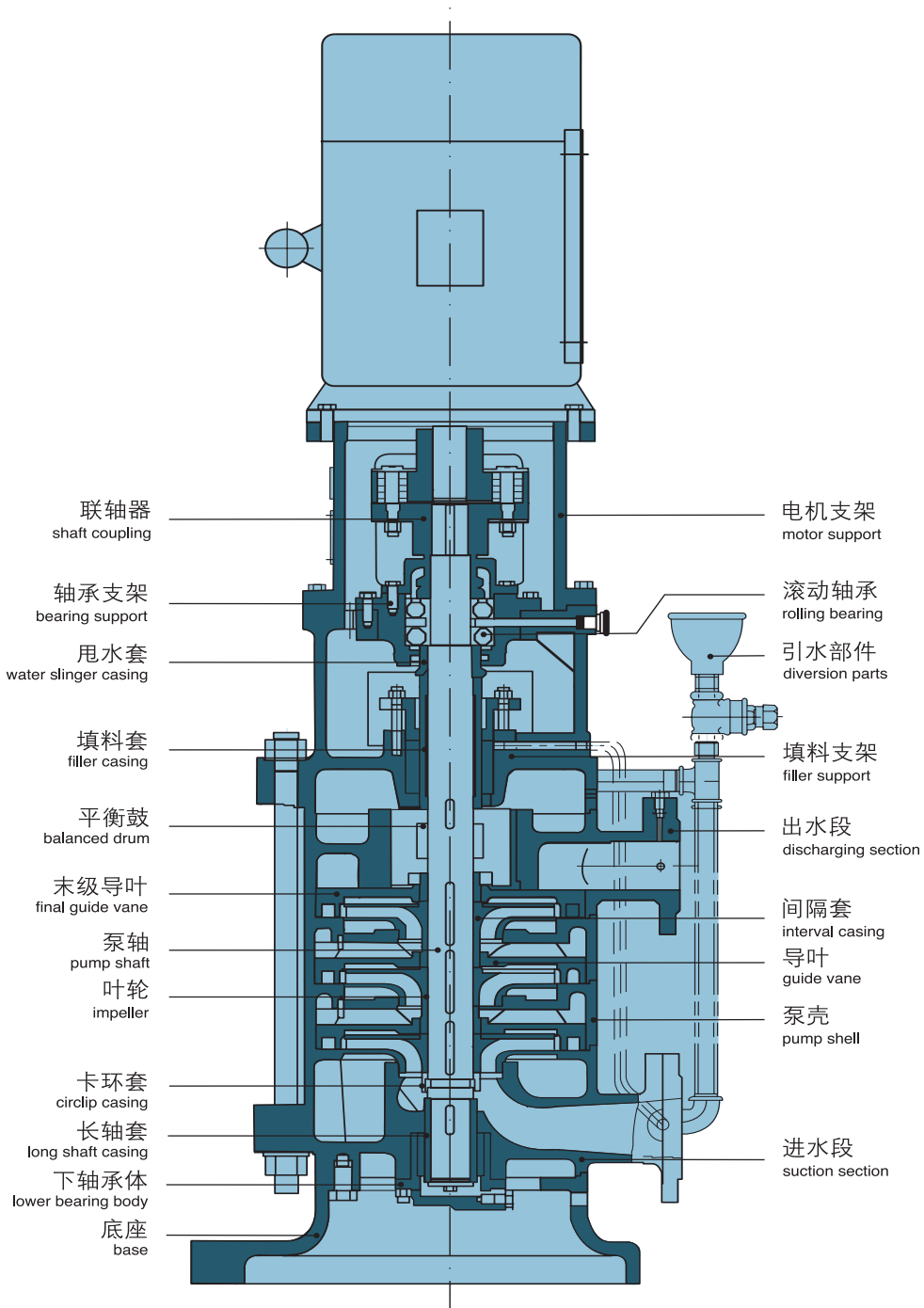


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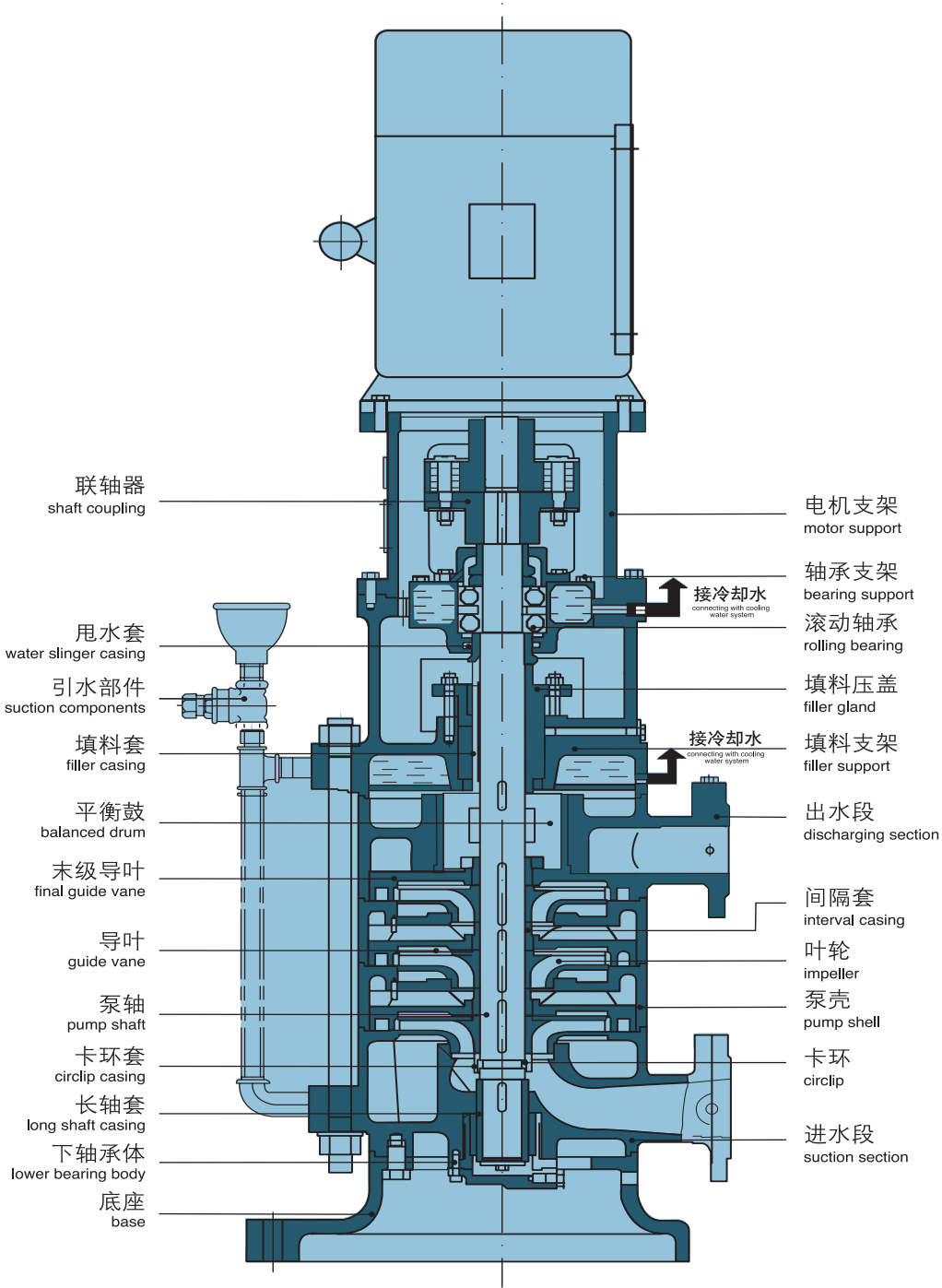
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DL type vertical multistage water feed pump



DLR 型立式多级热水泵

DLR type vertical multistage hot water pump





DL(R)型 立式多级给(热)水泵

DL(R) type vertical multistage (hot) water feed pump

技术参数及外形尺寸 Technical parameter and dimension

型号 Type	级数 Quantity of stages	流量 Flow rate (Q)		扬程 Lift head (m)	转速 Speed of revolution (r/min)	电机功率 Motor power P(kW)		效率 Efficiency η (%)	必需汽蚀余量 The must cavitation erosion excess NPSHr (m)	外型尺寸 Dimension (mm)			总重 Total weight (kg)
		m³/h	L/s			轴功率 Shaft power	功率 Power			H	H ₁	H ₂	
40DL(R)6.2-11.2	2	4.9	1.36	24.8	1450	0.83		37	2.19	938	112	170	235
		6.2	1.72	23.6		0.92	1.5	40					
		7.4	2.06	21.6		1.03		39					
	3	4.9	1.36	37.2		1.25		37					
		6.2	1.72	35.4		1.38	2.2	40					
		7.4	2.06	32.4		1.55		39					
	4	4.9	1.36	49.6		1.67		37					
		6.2	1.72	47.2		1.84	3	40					
		7.4	2.06	43.2		2.07		39					
	5	4.9	1.36	62		2.08		37					
		6.2	1.72	59		2.30	4	40					
		7.4	2.06	64		2.58		39					
6	4.9	1.36	74.4	2.50		37							
	6.2	1.72	70.8	2.76	4	40							
	7.4	2.06	64.8	3.10		39							
7	4.9	1.36	86.3	2.91		37							
	6.2	1.72	82.6	3.22	5.5	40							
	7.4	2.06	75.6	3.62		39							
8	4.9	1.36	99.2	3.33		37							
	6.2	1.72	94.4	3.68	5.5	40							
	7.4	2.06	86.4	4.14		39							
9	4.9	1.36	112	3.75		37							
	6.2	1.72	106	4.14	7.5	40							
	7.4	2.06	97.2	4.65		39							
10	4.9	1.36	124	4.16		37							
	6.2	1.72	118	4.60	7.5	40							
	7.4	2.06	108	5.17		39							
11	4.9	1.36	136	4.58		37							
	6.2	1.72	130	5.06	7.5	40							
	7.4	2.06	119	5.69		39							
12	4.9	1.36	149	5.00		37							
	6.2	1.72	142	5.52	7.5	40							
	7.4	2.06	130	6.20		39							
50DL(R)12.6-12.2	2	9.0	2.5	26.6	1.30		50	2.58	1083	104	189	235	
		12.6	3.5	24.4	1.55	3	54						
		16.2	4.5	21.2	1.80		52						
	3	9.0	2.5	39.9	1.96		50	2.58					
		12.6	3.5	36.6	2.33	3	54						
		16.2	4.5	31.8	2.70		52						
	4	9.0	2.5	53.2	2.61		50	2.58					
		12.6	3.5	48.8	3.10	4	54						
		16.2	4.5	42.4	3.60		52						
	5	9.0	2.5	66.5	3.26		50	2.58					
		12.6	3.5	61.0	3.88	5.5	54						
		16.2	4.5	53.0	4.50		52						
6	9.0	2.5	79.8	3.91		50	2.58						
	12.6	3.5	73.2	4.65	5.5	54							
	16.2	4.5	63.6	5.49		52							
7	9.0	2.5	93.1	4.56		50	2.58						
	12.6	3.5	85.4	5.43	7.5	54							
	16.2	4.5	74.2	6.30		52							

型号 Type	级数 Quantity of stages	流量 Flow rate (Q)		扬程 Lift head (m)	转速 Speed of revolution (r/min)	电机功率 Motor power P(kW)		效率 Efficiency η (%)	必需汽蚀余量 The must cavitation erosion excess NPSHr (m)	外型尺寸 Dimension (mm)			总重 Total weight (kg)
		m ³ /h	L/s			轴功率 Shaft power	功率 Power			H	H ₁	H ₂	
50DL(R)12.6-12.2	8	9.0	2.5	106	1450	5.22	7.5	50	2.58	1629	104	597	405
		12.6	3.5	97.6		6.20		54	2.66				
		16.2	4.5	84.8		7.20		52	3.16				
	9	9.0	2.5	120		5.87	11	50	2.58	1780	104	665	470
		12.6	3.5	110		6.98		54	2.66				
		16.2	4.5	95.4		8.10		52	3.16				
	10	9.0	2.5	133		6.52	11	50	2.58	1850	104	733	490
		12.6	3.5	122		7.75		54	2.66				
		16.2	4.5	106		9.00		52	3.16				
65DL(R)30-16	2	18	5.00	37.0	1450	3.24	5.5	56	2.41	1306	167	199	380
		30	8.33	32.0		4.22		62	2.82				
		35	9.72	29.0		4.60		60	3.03				
	3	18	5.00	55.5		4.86	7.5	56	2.41	1426	167	279	450
		30	8.33	48.0		6.33		62	2.82				
		35	9.72	43.5		6.90		60	3.03				
	4	18	5.00	74.0		6.48	11	56	2.41	1591	167	359	540
		30	8.33	64.0		8.44		62	2.82				
		35	9.72	58.0		9.20		60	3.03				
	5	18	5.00	92.5		8.10	15	56	2.41	1716	167	439	600
		30	8.33	80.0		10.55		62	2.82				
		35	9.72	72.5		11.50		60	3.03				
	6	18	5.00	111.0		9.72	15	56	2.41	1796	167	519	645
		30	8.33	96.0		12.6		62	2.82				
		35	9.72	87.0		13.8		60	3.03				
	7	18	5.00	130.0		11.3	18.5	56	2.41	1901	167	599	730
		30	8.33	112.0		14.7		62	2.82				
		35	9.72	102.0		16.1		60	3.03				
8	18	5.00	148	13.0	22	56	2.41	2021	167	679	795		
	30	8.33	128	16.9		62	2.82						
	35	9.72	116	18.4		60	3.03						
9	18	5.00	167	14.6	22	56	2.41	2101	167	759	840		
	30	8.33	144	19.0		62	2.82						
	35	9.72	131	20.7		60	3.03						
10	18	5.00	185	16.2	30	56	2.41	2246	167	839	965		
	30	8.33	160	21.1		62	2.82						
	35	9.72	145	23.0		60	3.03						
80DL(R)50-20	2	32.4	9	43.2	1450	6.28	11	60.7	2.16	1515	120	277	570
		50.4	14	40		7.84		70.0	2.49				
		65.16	18.1	34.2		9.12		66.5	2.82				
	3	32.4	9	64.8		9.42	15	60.7	2.16	1649	120	366	640
		50.4	14	60		11.8		70.0	2.49				
		65.16	18.1	51.3		13.7		66.5	2.82				
	4	32.4	9	86.4		12.6	22	60.7	2.16	1865	120	455	760
		50.4	14	80		15.7		70.0	2.49				
		65.16	18.1	68.4		18.2		66.5	2.82				
	5	32.4	9	108		15.7	30	60.7	2.16	2030	120	544	900
		50.4	14	100		19.6		70.0	2.49				
		65.16	18.1	85.5		22.8		66.5	2.82				
6	32.4	9	129	18.8	30	60.7	2.16	2120	120	633	945		
	50.4	14	120	23.5		70.0	2.49						
	65.16	18.1	103	27.4		66.5	2.82						



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		m ³ /h	L/s			轴功率 Shaft power	功率 Power			H	H _i	H ₂		
80DL(R)50-20	7	32.4	9	151	1450	22.0	37	60.7	2.16	2270	120	722	1040	
		50.4	14	140		27.4		70.0	2.49					
		65.16	18.1	120		31.9		66.5	2.82					
	8	32.4	9	176		25.1	45	60.7	2.16			2385	811	1120
		50.4	14	160		31.4		70.0	2.49					
		65.16	18.1	137		36.5		66.5	2.82					
	9	32.4	9	194		28.3	45	60.7	2.16			2475	900	1175
		50.4	14	180		35.5		70.0	2.49					
		65.16	18.1	154		41.0		66.5	2.82					
	10	32.4	9	216		31.4	55	60.7	2.16			2665	989	1335
		50.4	14	200		39.2		70.0	2.49					
		65.16	18.1	171		45.6		66.5	2.82					
100DL(R)72-20	2	50.4	14.0	46.0	10.2	15	62	2.2	1616	293	521			
		72.0	20.0	40.0	10.9		72	2.8						
		86.4	24.0	36.0	11.9		71	3.1						
	3	50.4	14.0	69.0	15.3	18.5	62	2.2	1784	396	599			
		72.0	20.0	60.0	16.4		72	2.8						
		86.4	24.0	54.0	17.9		71	3.1						
	4	50.4	14.0	92.0	20.4	30	62	2.2	1932	499	727			
		72.0	20.0	80.0	21.8		72	2.8						
		86.4	24.0	72.0	23.9		71	3.1						
	5	50.4	14.0	115	25.5	37	62	2.2	2060	602	781			
		72.0	20.0	100	27.3		72	2.8						
		86.4	24.0	90	29.8		71	3.1						
	6	50.4	14.0	138	30.6	37	62	2.2	2248	705	821			
		72.0	20.0	120	32.7		72	2.8						
		86.4	24.0	108	35.8		71	3.1						
	7	50.4	14.0	157	34.8	45	62	2.2	2421	808	897			
		72.0	20.0	140	38.2		72	2.8						
		86.4	24.0	126	41.8		71	3.1						
8	50.4	14.0	184	40.6	55	62	2.2	2524	911	1044				
	72.0	20.0	160	43.6		72	2.8							
	86.4	24.0	144	47.8		71	3.1							
9	50.4	14.0	207	45.9	55	62	2.2	2677	1014	1084				
	72.0	20.0	180	49.1		72	2.8							
	86.4	24.0	162	53.7		71	3.1							
100DL(R)100-20	2	72	20	43.4	13.1	18.5	65	2.83	1616	293	765			
		100	27.8	40	15.1		72	3.53						
		126	35	34	16.7		70	4.40						
	3	72	20	65.1	19.7	30	65	2.83	1784	396	900			
		100	27.8	60	22.7		72	3.53						
		126	35	51	25.0		70	4.40						
	4	72	20	86.8	26.2	37	65	2.83	1932	499	995			
		100	27.8	80	30.3		72	3.53						
		126	35	68	33.3		70	4.40						
	5	72	20	109	32.8	45	65	2.83	2060	602	1080			
		100	27.8	100	37.9		72	3.53						
		126	35	85	41.7		70	4.40						
6	72	20	130	39.3	55	65	2.83	2248	705	1245				
	100	27.8	120	45.4		72	3.53							
	126	35	102	50.0		70	4.40							

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		m ³ /h	L/s			轴功率 Shaft power	功率 Power			H	H ₁	H ₂		
100DL(R)100-20	7	72	20	152	1450	45.9	75	65	2.83	2421	180	808	1445	
		100	27.8	140		53.0		72	3.53					
		126	35	119		58.4		70	4.40					
	8	72	20	174		52.4	75	65	2.83			2524	911	1500
		100	27.8	160		60.6		72	3.53					
		126	35	136		66.7		70	4.40					
	9	72	20	195		59.0	90	65	2.83			2677	1014	1600
		100	27.8	180		68.1		72	3.53					
		126	35	153		75.0		70	4.40					
	10	72	20	217		65.5	90	65	2.83			2780	1117	1660
		100	27.8	200		75.5		72	3.53					
		126	35	170		83.4		70	4.40					
150DL(R)150-20	2	108	30	45	1450	17.6	30	75	2.2	1680	150	315	569	
		150	40	40		20.4		80	2.8					
		180	50	34		21.3		78	2.7					
	3	108	30	67		26.5	37	75	2.2			1840	430	707
		150	40	60		30.6		80	2.8					
		180	50	51		33.3		78	2.7					
	4	108	30	90		35.3	45	75	2.2			2020	545	771
		150	40	80		40.9		80	2.8					
		180	50	68		42.7		78	2.7					
	5	108	30	112		44.1	55	75	2.2			2260	660	857
		150	40	100		51.1		80	2.8					
		180	50	85		53.4		78	2.7					
	6	108	30	135		52.9	75	75	2.2			2445	775	1060
		150	40	120		61.3		80	2.8					
		180	50	102		66.7		78	2.7					
	7	108	30	157		61.7	75	75	2.2			2610	890	1245
		150	40	140		71.5		80	2.8					
		180	50	119		74.8		78	2.7					
8	108	30	180	70.6	90	75	2.2	2725	1005	1295				
	150	40	160	81.7		80	2.8							
	180	50	135	85.9		78	2.7							
9	108	30	202	79.2	110	75	2.2	3240	1120	1450				
	150	40	180	91.9		80	2.8							
	180	50	153	96.2		78	2.7							
150DL(R)160-25	2	120	33.3	53	1450	24.1	37	72	3.1	1995	220	350	825	
		160	44.4	50		28.7		76	3.5					
		200	55.6	44		32.8		73	3.8					
	3	120	33.3	79.5		36.1	55	72	3.1			2235	480	970
		160	44.4	75		43.0		76	3.5					
		200	55.6	66		49.2		73	3.8					
	4	120	33.3	106		48.1	75	72	3.1			2435	610	1110
		160	44.4	100		57.3		76	3.5					
		200	55.6	88		65.7		73	3.8					
	5	120	33.3	133		60.1	90	72	3.1			2615	740	1255
		160	44.4	125		71.7		76	3.5					
		200	55.6	110		82.1		73	3.8					
	6	120	33.3	159		72.2	110	72	3.1			2900	870	1410
		160	44.4	150		86.0		76	3.5					
200		55.6	132	98.5	73	3.8								
7	120	33.3	186	84.2	132	72	3.1	3075	1000	1570				
	160	44.4	175	100		76	3.5							
	200	55.6	154	115		73	3.8							



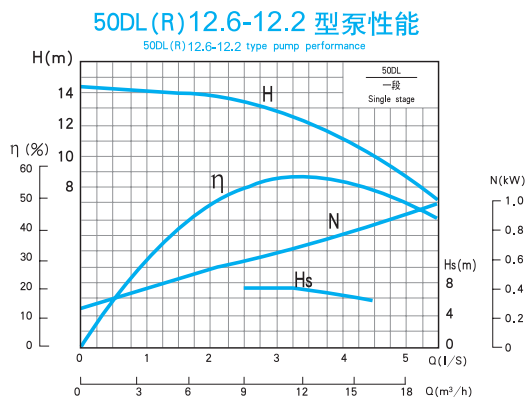
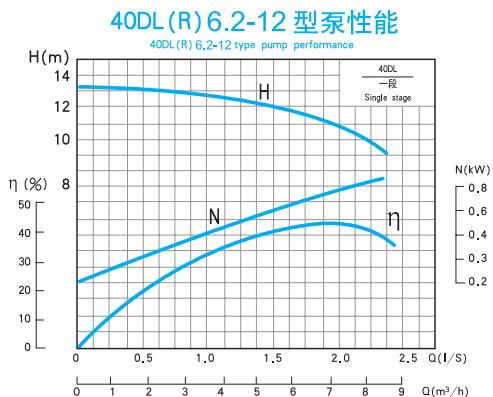
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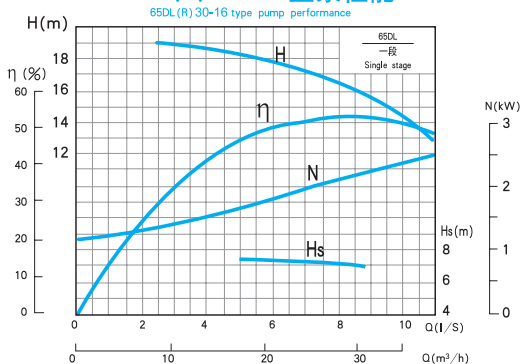
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		m ³ /h	L/s			轴功率 Shaft power	功率 Power			H	H ₁	H ₂	
150DL(R)160-25	8	120	33.3	212	1450	96.2		72	3.1	3210	220	1130	1720
		160	44.4	200		115	132	76	3.5				
		200	55.6	176		132		73	3.8				
	9	120	33.3	239		108		72	3.1				
		160	44.4	225		129	160	76	3.5				
		200	55.6	198		148		73	3.8				
200DL(R)288-30	2	180	50	63.8		43.91		71.2	3.7	2170	182	425	1900
		288	80	60		58.71	75	77.9					
		324	90	55.6		63.77		76.9					
	3	180	50	95.7		65.86		71.2					
		288	80	90		88.06	110	77.9	3.7				
		324	90	83.4		95.66		76.9					
	4	180	50	127.6		87.81		71.2					
		288	80	120		117.42	132	77.9	3.7				
		324	90	111.2		127.54		76.9					
	5	180	50	159.5		109.81		71.2					
		288	80	150		146.83	160	77.9	3.7				
		324	90	139		159.49		76.9					
6	180	50	191.4	131.77		71.2							
	288	80	180	176.20	200	77.9	3.7						
	324	90	166.8	191.39		76.9							

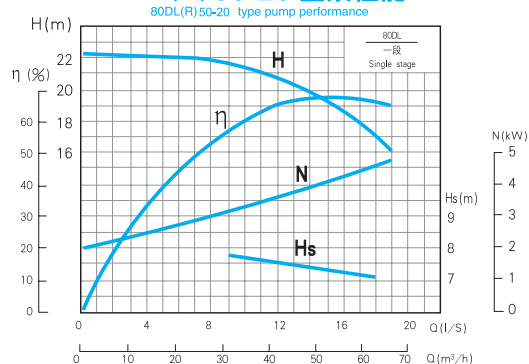
性能曲线图 Performance curves



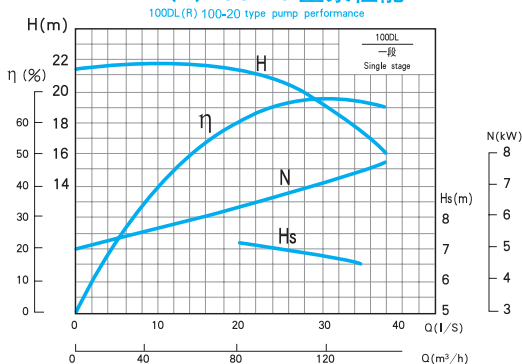
65DL(R) 30-16 型泵性能



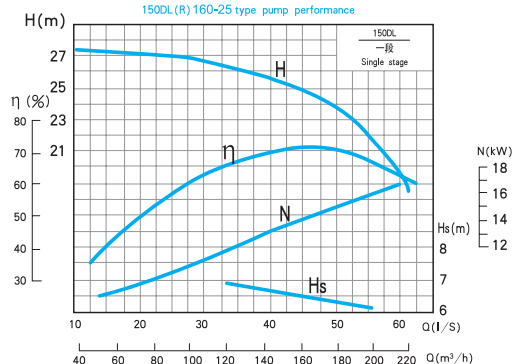
80DL(R) 50-20 型泵性能



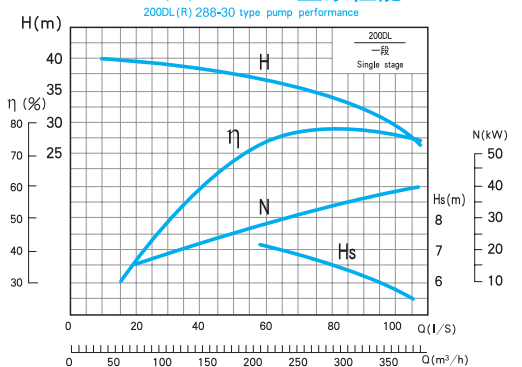
100DL(R) 100-20 型泵性能



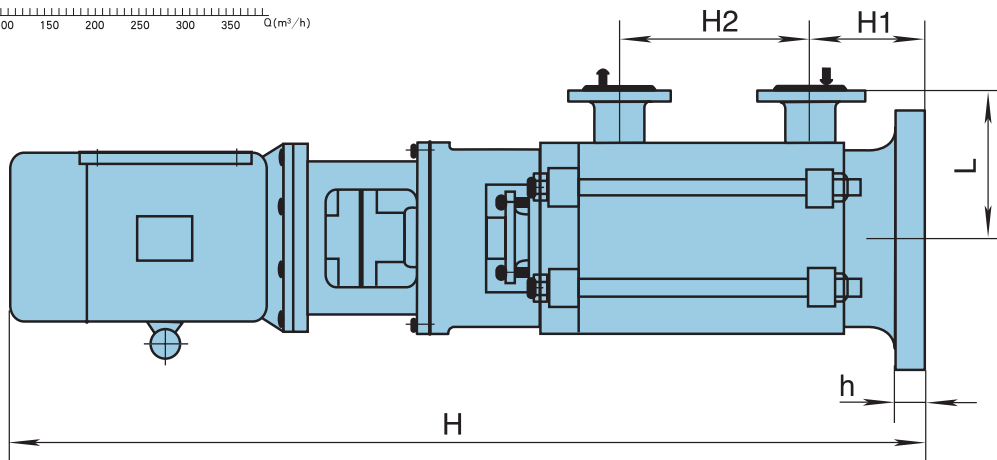
150DL(R) 160-25 型泵性能



200DL(R) 288-30 型泵性能



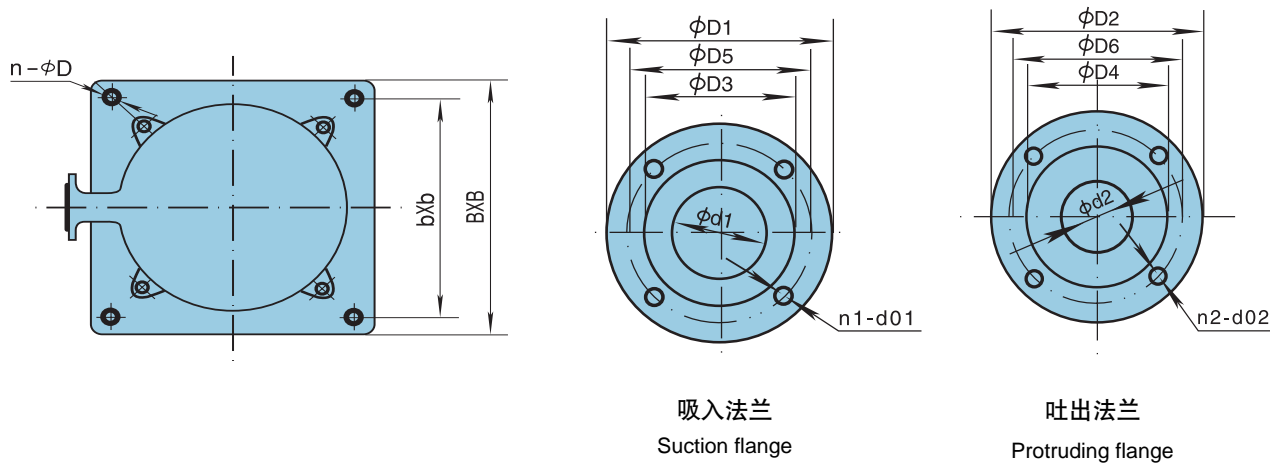
离心泵外形
Centrifugal pump outline





DL(R) 型 立式多级给(热)水泵

DL(R) type vertical multistage (hot) water feed pump



安装尺寸表 Installation dimension table

型号	吸入法兰(Suction flange)					吐出法兰(Protruding flange)				
Type	d1	D3	D5	D1	n1-d01	d2	D4	D6	D2	n2-d02
40DL	40	88	110	150	4-Ø18	40	88	110	150	4-Ø18
50DL	50	100	125	165		40	88	110	150	
65DL	65	120	145	185		50	100	125	165	
80DL	80	133	160	200	8-Ø18	65	120	145	185	8-Ø18
100DL	100	158	180	220		80	133	160	200	
150DL	150	212	240	285	8-Ø22	125	184	220	270	8-Ø18
200DL	200	268	295	340	12-Ø22	150	212	240	285	8-Ø22

型号(Type.)	H1	L	h	B	b	n-ØD
40DL	112	225	45	350	300	4-Ø18
50DL	104	220	45	360	305	4-Ø18
65DL	167	260	45	430	370	4-Ø24
80DL	120	280	50	450	400	4-Ø24
100DL72	180	250	50	470	410	4-Ø24
100DL100	180	280	50	470	410	4-Ø24
150DL150	150	300	50	470	410	4-Ø24
150DL160	220	380	50	600	550	4-Ø24
200DL	182	380	50	600	550	4-Ø24

数据更新，恕不另行通知。
Data is subject to changes without notice beforehand.