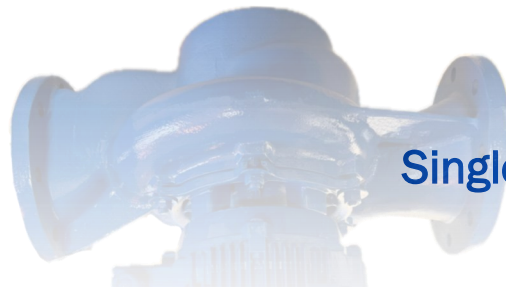


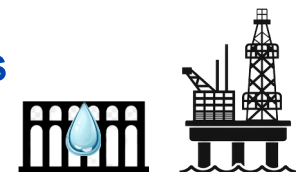
BROCHURE R-RD SERIES

BIRAGHI POMPE 1906



- *ITALIAN QUALITY*
- *SINCE 1906*

Single Stage Centrifugal Process Pumps



R-RD SERIES—BIRAGHI POMPE 1906

R-RD PROCESS PUMP

These electric pumps, in single or twin execution, with in-line flanged suction and discharge nozzles, have a considerable versatility and are specially suitable to accelerate the water circulation in the relative plants.

They can allow the maximum hydraulic noiselessness and highest efficiency. the wide ports of pump casings and intellers permit to confine to a minimum the internal pressure losses.

Pump cases and electric motors are coupled through a lantern piece, while the mellers are directly keyed to the motors special shaft ends.

In the twin execution, a special deflecting swing check valve automatically stops the discharge of the non operating pump.

On request, the units are fitted with a blank flange in order to insure a continuous operation when one of the two motor-

The quick removing of the



rotating parts, when any type of maintenance is needed, avoid the pump casing disconnection

** Clean liquids, compatible to the constructive materials.
Special and various materials executions are available.*

R-RD SERIES—BIRAGHI POMPE 1906

APPLICATIONS

Civil and industrial purposes, systems which request a continuous liquid circulation.

- ⇒ Heating systems
- ⇒ Air conditioning systems
- ⇒ Cycle water conveying
- ⇒ Water supply
- ⇒ Flow irrigation system
- ⇒ Industrial system

SPEED: up to 3500 rpm

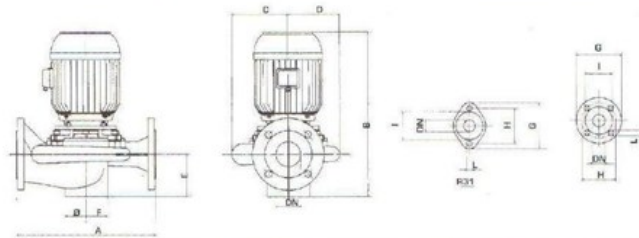
SEAL

N° 1 standard, not cooled, mechanical seal, according to vama24960, lubricated by the pumped liquid itself. N° 2 mechanical seals in the twin execution.



R-RD SERIES—BIRAGHI POMPE 1906

Overall Sizes

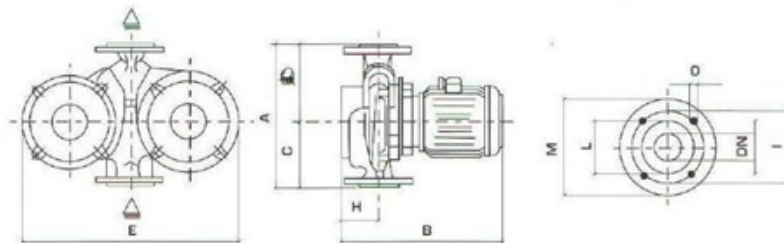


Modello	Dimensioni in mm (non impegnative) - Size in mm (not engaging)													Controlli
	Flange - Flanges													
model	A	B	C	D	E	F	DN	G	H	I	L	Fori		counterfl.
R 31	180	280	67	60	59	-	32	118	90	70	14	2	1 1/4"	
R 41	280	370	104	96	85	80	40	150	110	88	18	4	1 1/2"	
R 51	320	400	129	118	95	90	50	165	125	102	18	4	2"	
R 61	360	425	147	132	110	110	65	185	145	122	18	4	2 1/2"	
R 62	400	450	158	146	110	110	65	185	145	122	18	4	2 1/2"	
R 81	450	515	179	160	120	130	80	200	160	138	18	4	3"	
R 82	500	580	194	177	125	130	80	200	160	138	18	4	3"	
R 101	500	550	177	153	145	140	100	220	180	158	18	8	4"	
R 102	550	600	200	174	145	140	100	220	180	158	18	8	4"	
R 121	560	650	210	180	160	210	125	250	210	188	18	8	5"	
R 122	600	675	227	200	160	210	125	250	210	188	18	8	5"	

Flange secondo UNI 2236/2237/2229-PN10

Flanges according UNI 2236/2237/2229-PN10

N. 236/1
E 1088



Modello	Dimensioni in mm (non impegnative) - Size in mm (not engaging)													Fori
	Flange - Flanges Pn10													Holes
model	A	B	C	D	E	H	DN	I	L	M	O			
RD 41	310	362	175	135	457	80	40	110	88	150	18	4		
RD 51	360	397	200	160	555	85	50	125	102	165	18	4		
RD 61	410	447	230	180	637	100	65	145	122	185	18	4		
RD 62	490	522	280	210	773	105	80	160	138	200	18	4		
RD 81	490	495	280	210	773	105	80	160	138	200	18	4		

Operating Data



R / RD

DATI TECNICI - TECHNICAL DATA

PRESTAZIONI ALLA VELOCITA' DI 1450 GIR/MIN
PERFORMANCE AT THE SPEED OF 1450 rpm

MODELLO / MODEL	MOTORE ELETTRICO POTENZA NOMINALE KW	Q - M³/h	0	18	21	24	30	36	42	48	54	60	72	84	96	108	120	132	150	165	180
SINGOLA SINGOL	GEMELLARE TWIN	l/min	0	300	350	400	500	600	700	800	900	1000	1200	1450	1600	1800	2000	2250	2500	2750	3000
R 101 E		1.5	6.6	6.5	6.3	6.2	6	5.5	5.3	4.9	4.2	3.5	2								
R 101 D		1.5	8.5	8.4	8.3	8.2	8.1	7.7	7.5	6.8	6.5	5.7	4.3	2							
R 101 C		2.2	10.5	10.4	10.3	10.2	10.1	9.8	9.5	9.1	8.6	8	6.6	5	2.7						
R 101 B		3	12.5	12.4	12.3	12.2	12.1	12	11.6	11.4	11	10.5	9.3	7.5	5	3					
R 101 A	RD 81/101 A	4	14.4	14.3	14.2	14.1	14	13.9	13.6	13.5	13.1	12.8	11.8	10.5	8	6					
R 102 D	RD 81/102 D	4	15.6	15.5	15.4	15.3	15.2	15.1	15	14.7	14.4	13.2	11.4	7.8	5.5						
R 102 C		5.5	18.5	18.3	18.2	18.1	18	17.8	17.6	17.3	17	16	14.2	11.8	8.5	5.5					
R 102 B		5.5	20.9	20.8	20.7	20.6	20.5	20.4	20.3	20	19.7	18.7	17.5	15.4	12.3						
R 102 B		7.5	20.9	20.8	20.7	20.6	20.5	20.4	20.3	20	19.7	18.7	17.5	15.4	12.3	9.5	6.5				
R 102 A		7.5	23.5	23.4	23.3	23.2	23.1	23	22.9	22.8	22.5	21.2	20.5	19	16.5	14					
R 102 A		9.2	23.5	23.4	23.3	23.2	23.1	23	22.9	22.8	22.5	21.2	20.5	19	16.5	14	10				
R 121 D		2.2	10.3	9.6	9.5	9.3	9	8.8	8.6	8.4	8.1	7.5	6.8	5.8	5						
R 121 D		3	10.3	9.6	9.5	9.3	9	8.8	8.6	8.4	8.1	7.5	6.8	5.8	5	4	2.8				
R 121 C		3	12.2	11.7	11.6	11.5	11.3	11.1	10.8	10.6	10.5	10	9.4	8.6	7.8	7	5.7	4			
R 121 B		4	14.2	13.7	13.6	13.5	13.4	13.3	13.1	12.9	12.7	12.4	11.9	11.4	10.7	10	9	7.5			
R 121 B		5.5	14.2	13.7	13.6	13.5	13.4	13.3	13.1	12.9	12.7	12.4	11.9	11.4	10.7	10	9	7.5	6		
R 123 A		5.5	16	15.8	15.7	15.6	15.5	15.4	15.2	15.1	15	14.7	14.3	13.8	13.3	12.7	12	10.5	9	7.5	
R 122 C		5.5	18.9	18.3	18.1	17.9	17.7	17.5	17.3	17	16.8	15.8	14.6	13.5							
R 122 C		7.5	18.9	18.3	18.1	17.9	17.7	17.5	17.3	17	16.8	15.8	14.6	13.5	12	10.4	7.5				
R 122 B		7.5	21.2	20.6	20.5	20.3	20	19.9	19.6	19.5	18.8	18.3	17.5	16.5	15.2	13.8	11	8.5			
R 122 A		9.2	23.7																		

DATI TECNICI - TECHNICAL DATA

PRESTAZIONI ALLA VELOCITA' DI 2900 GIR/MIN
PERFORMANCE AT THE SPEED OF 2900 rpm

MODELLO / MODEL		MOT EL POTENZA NOMINALE KW	Q-M³/h																								
SINGOLA	GEMELLARE TWIN			0	3	4,5	6	7,5	9	10,5	12	13,5	15	18	21	24	27	30	36	42	48	54	60	72	84		
			l'/min	0	50	75	100	125	150	175	200	225	250	300	350	400	450	500	600	700	800	900	1000	1200	1450		
R 41 D	RD 41 D	0.75	FREQUENZA HEAD MCA	12	11	10.6	10	8.6	7.4	6	4.2																
R 41 C	RD 41 C	1.1		15.6	15.4	15	14.5	13.8	12.5	11.5	10	8	6														
R 41 B	RD 41 B	1.5		20.4	20.1	20	19.5	19	18	17.3	16	15	13.4	10													
R 41 A	RD 41 A	2.2		25.3	25.3	25.1	25	24.5	24	23.3	22.4	21.5	20	17.6	14.4	10											
R 51 C	RD 51 C	2.2		23	22.9	22.8	22.6	22.4	22.1	21.8	21	20.5	19.5	16.8	12												
R 51 B	RD 51 B	3		28.5	28.4	28.4	28.3	28.1	28	27.6	27.1	27	26.1	24.4	22.5	19	14										
R 51 A	RD 51 A	4		35.1	35	35	34.8	34.5	34.3	34	33.8	33.5	33	31.9	30.4	28.2	25.2	22									
R 61 D	RD 61 D	4		23.9						23.7	23.5	23.3	23.1	22.9	22.4	22	21.7	21	19	17.5	14						
R 61 C	RD 61 C	5.5		29.6						29.5	29.4	29.3	29.2	29.1	29	28.6	28	27.8	26.6	25	23	21	16.2				
R 61 B	RD 61 B	7.5		36						35.8	35.7	35.6	35.5	35.4	35.3	35.2	35	34.8	34	32.8	31.3	29.5	26.4	20			
R 62 D	RD 62 D	5.5	35						34	33.9	33.8	33.7	33.2	33	32.5	32	31	29.5	27	23.5	19						
R 62 C	RD 62 C	7.5	44						43.5	43.4	43.3	43.2	43	42.8	42.5	42	41	38.5	36.5	35.5	32	26.5	19				
R 81 D	RD 81 D	7.5	34						34	34	34	34	34	34	34	34	33.8	33.5	33	32.5	31.5	30.5	29.3	25	20		

Biraghi Pompe 1906 Plants



NIGERIA



UAE



ITALY



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POMPE1906

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