



KAMPERS 2M-series LHL.WS



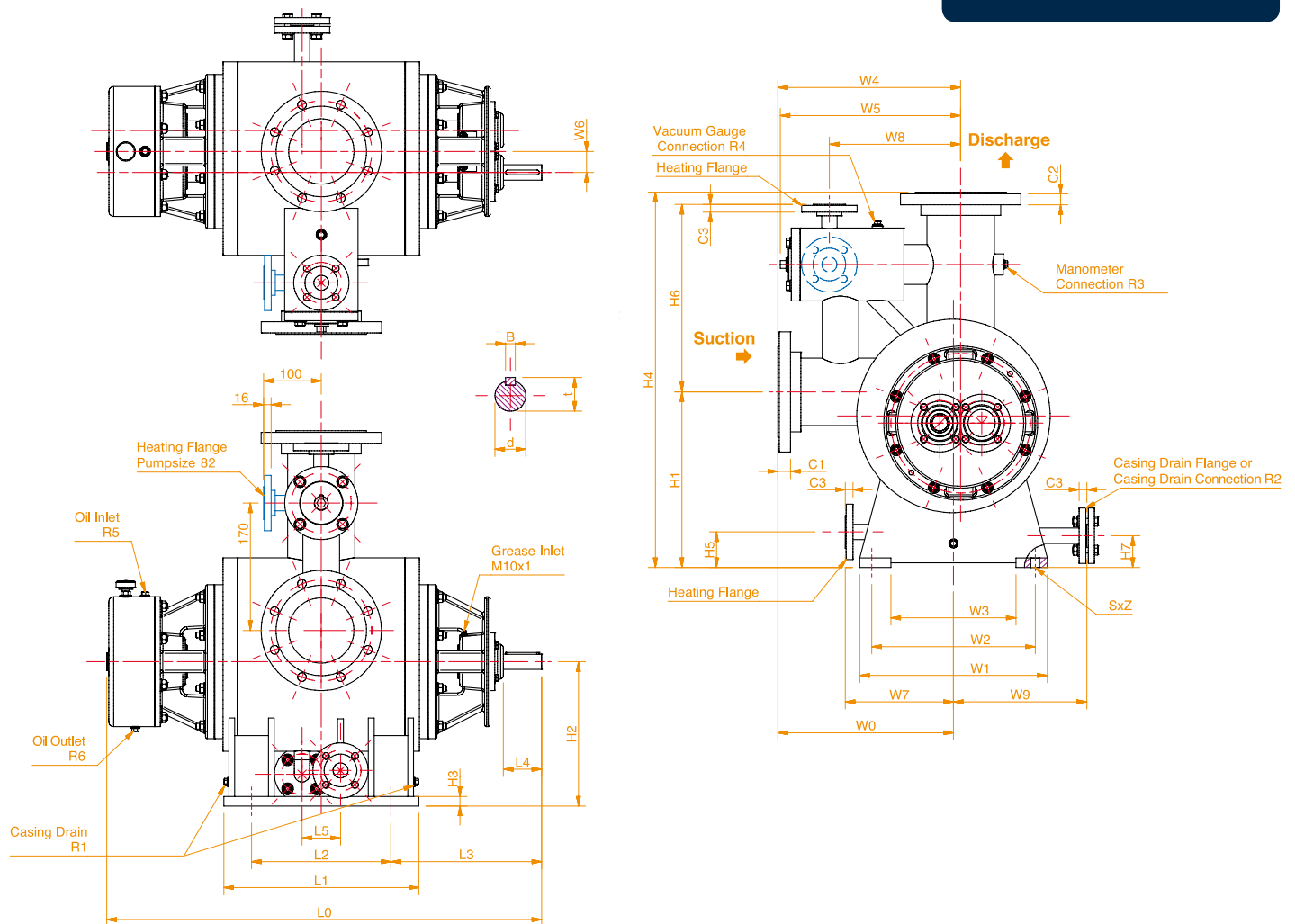
KAMPERS 2M-series LHL.WS is a robust pump with a welded casing. It has an interchangeable liner allowing in-situ recondition and an even wider choice of materials than casted pumps. Welded casings also make supersizing of pumps possible extending the range to capacities of 2000 m³/h or even more in the future. It is designed for both corrosive and non-corrosive non-lubricating fluids. It has extra shaft length resulting in more extensive sealing arrangements, such as double (cartridge) seals and gland packing. It is constructed horizontally with flanges in L-style and discharge on top. It has an integrated pressure relief valve. A partly or fully heated casing and relief valve are optional, making it an appropriate pump for very hot fluids.

The LHL.WS is designed to operate in the most challenging environ-

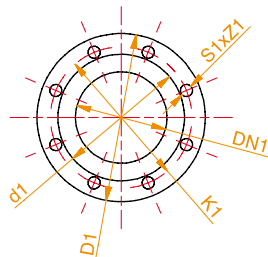
ments, in applications where casted pumps meet their limits. It can for instance be used in shipping for bitumen discharge, for transfer of industrial liquid sulphur or for pumping crude oil in very large volumes on a tank storage site. The applications are nearly limitless.

- Extended capacity range 2-2000 m³/h
- Medium pressure range max 25 bar
- High temperature range <300°C
- Wide viscosity range 0,6-200.000cSt
- Many sealing possibilities
- Horizontal with L-style flanges
- Full heating options: Jacket or full body
- Pressure relief valve integrated
- Executions for corrosives and abrasives available

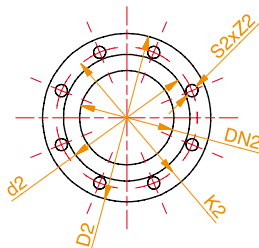




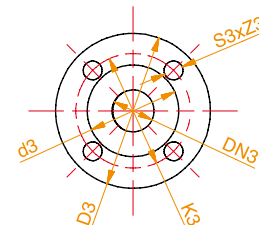
Suction Flange



Discharge Flange



Heating & Casing Drain Flange



2M LHL.WS PUMPSIZE	SUCTION FLANGE							DISCHARGE FLANGE							HEATING & DRAIN FLANGE						
	DN1	D1	K1	d1	S1	Z1	C1	DN2	D2	K2	d2	S2	Z2	C2	DN3	D3	K3	d3	S3	Z3	C3
82	080	0200	0160	0132	8	018	24	080	0200	0160	0132	8	018	24	025	0115	085	065	4	014	16
98	0100	0235	0190	0156	8	022	24	0100	0235	0190	0156	8	022	24	025	0115	085	065	4	014	16
114	0125	0270	0220	0184	8	026	26	0125	0270	0220	0184	8	026	26	025	0115	085	065	4	014	16
140	0150	0300	0250	0211	8	026	28	0150	0300	0250	0211	8	026	28	025	0115	085	065	4	014	16
166	0200	0375	0320	0284	12	030	34	0200	0375	0320	0284	12	030	34	025	0115	085	065	4	014	16
206	0250	0450	0385	0345	12	033	38	0250	0450	0385	0345	12	033	38	025	0115	085	065	4	014	16
268	0300	0485	0430	0389	16	030	34	0300	0485	0430	0389	16	030	34	025	0115	085	065	4	014	16
280	0400	0620	0550	0503	16	036	40	0300	0515	0450	0409	16	033	42	025	0115	085	065	4	014	16
335	0400	0580	0525	0480	16	030	32	0400	0620	0550	0503	16	036	40	050	0165	0125	099	4	018	20

2M LHL WS PUMPSIZE	OUTLINE & INSTALLATION DIMENSIONS																SHAFT DIMENSIONS					HEATING, LUBRICATION & DRAIN DIMENSIONS											WEIGHT	
	L0	L1	L2	L3	W0	W1	W2	W3	W4	W5	W6	H1	H2	H3	H4	S	Z	d	L4	B	t	L5	W7	W8	W9	H5	H6	H7	R1	R3	R4	R5	R6	Kg
82	719	300	220	236,5	275	300	260	200	285	270	33,5	325	265	18	600	4	014	022	50	6	24,5	70	185	188	185	73	66	Rc1/2	Rp1/4	Rp1/4	M14x1,5	M14x1,5	180	
98	798	350	250	274	315	340	280	190	330	330	38,5	315	275	20	675	4	018	028	60	8	31	70	200	238	170	85	348	67	Rc1/2	Rp1/4	Rp1/4	M14x1,5	M14x1,5	280
114	903	405	290	313	365	390	340	260	380	375	43,5	365	300	20	780	4	018	032	80	10	35	80	240	273	262	74	390	66	Rc1/2	Rp1/4	Rp1/4	M14x1,5	M14x1,5	370
140	1066	475	360	358	375	480	420	320	400	391	54	400	320	25	860	4	023	042	80	12	45	65	280	289	312	73	430	73	Rc3/4	Rp1/4	Rp1/4	M14x1,5	M14x1,5	530
166	1246	580	450	405	472	550	475	380	502	505	64	450	340	30	1010	4	027	048	110	14	51,5	75	314	388	340	68	505	63	Rc3/4	Rp1/4	Rp1/4	M20x1,5	M14x1,5	880
206	1498	690	530	493,5	510	660	570	440	545	545	80	530	410	36	1150	4	033	060	120	18	64	160	380	405	405	80	510	70	Rc3/4	Rp1/4	Rp1/4	M20x1,5	M14x1,5	1430
268	1516	694	530	493,5	645	760	660	540	680	685	95	600	470	40	1280	6	030	060	120	18	64	190	430	535	430	78	615	70	Rc3/4	Rp1/4	Rp1/4	M20x1,5	M20x1,5	1650
280	1647	775	600	533	690	850	750	570	730	730	100	660	540	45	1440	6	033	075	140	20	79,5	200	465	565	425	100	770	90	Rc3/4	Rp1/4	Rp1/4	M20x1,5	M20x1,5	2650
335	2030	860	680	665	835	920	800	660	900	960	122,5	950	750	45	1870	6	033	090	170	25	95	200	540	745	570	150	900	135	R1	Rp1/4	Rp1/4	M27x1,5	M27x1,5	4200

All dimensions are in mm unless stated otherwise.

Information

Should you like to receive
more information or a
quotation, please do not
hesitate to contact us.

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