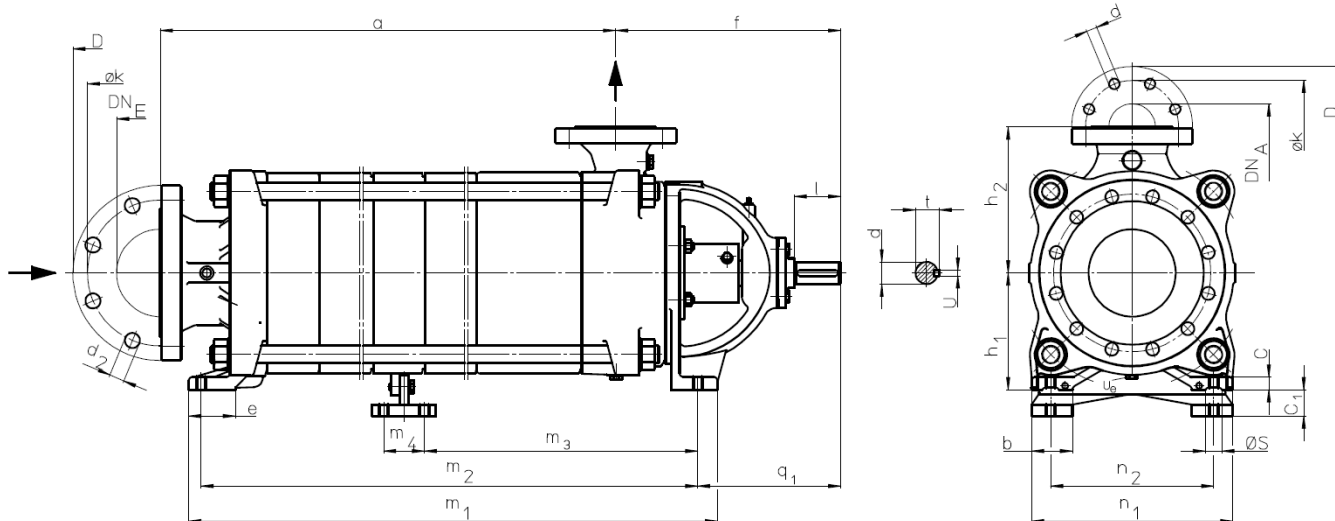


Dimension table

Normal casing pressure: PN 40 for UEA 50 – 80, PN 25 for UEA 100



u_e = connection for drain G3/8, for UEA 10 000 G1/2, u_m = connection for pressure gauge G3/8

Dimensions in mm

size	DN _A	DN _E	b	c	e	f	h ₁	h ₂	n ₁	n ₂	s	q ₁	d _{k6}	l	t	u
5000	50	125	50	18	60	310*	160	190	266	216	15	187*	28	60	31	8
6500	65	125	60	18	70	358	180	215	314	254	15	233	32	80	35	10
8000	80	150	70	22	80	387	200	250	345	280	15	246	38	80	41	10
10000	100	200	80	25	100	442	250	300	400	318	18	276	42	110	45	12

* UEA 05009 and 05010, f = 357,5, q₁ = 234,5

size	a	m ₁	m ₂	m ₃	weight kg
5002	371	484	446	-	105
5003	433	546	508	-	119
5004	495	608	570	-	133
5005	557	670	632	-	147
5006	619	732	694	-	161
5007	681	794	756	-	175
5008	743	856	818	-	189
5009	867	980	942	525	217
5010	929	1042	1004	587	231
6502	444	550	510	-	139
6503	519	625	585	-	160
6504	594	700	660	-	181
6505	669	775	735	-	202
6506	744	850	810	-	223
6507	819	925	885	-	244
8002	512	638	583	-	191
8003	602	728	673	-	221
8004	692	818	763	-	251
8005	782	908	853	-	281
8006	872	998	943	-	311
8007	962	1088	1033	-	341
8008	1052	1178	1123	-	371
8009	1142	1268	1213	-	401
8010	1322	1448	1393	739.5	455
8011	1412	1538	1483	739.5	485
8012	1502	1628	1573	829.5	515
8013	1592	1718	1663	919.5	545

m₄: 70mm (only for size 80)

size	a	m ₁	m ₂	m ₃	weight kg
10002	581	728	650	-	289
10003	691	838	760	-	337
10004	801	948	870	-	385
10005	911	1058	980	-	433
10006	1021	1168	1090	-	481
10007	1131	1278	1200	-	529
10008	1241	1388	1310	-	577
10009	1351	1498	1420	-	625
10010	1571	1718	1640	889	710
10011	1681	1828	1750	889	758
10012	1791	1938	1860	999	806
10013	1901	2048	1970	1109	854
10014	2011	2158	2080	999	902
10015	2121	2268	2190	1219	950

Flange connections to DIN EN 1092

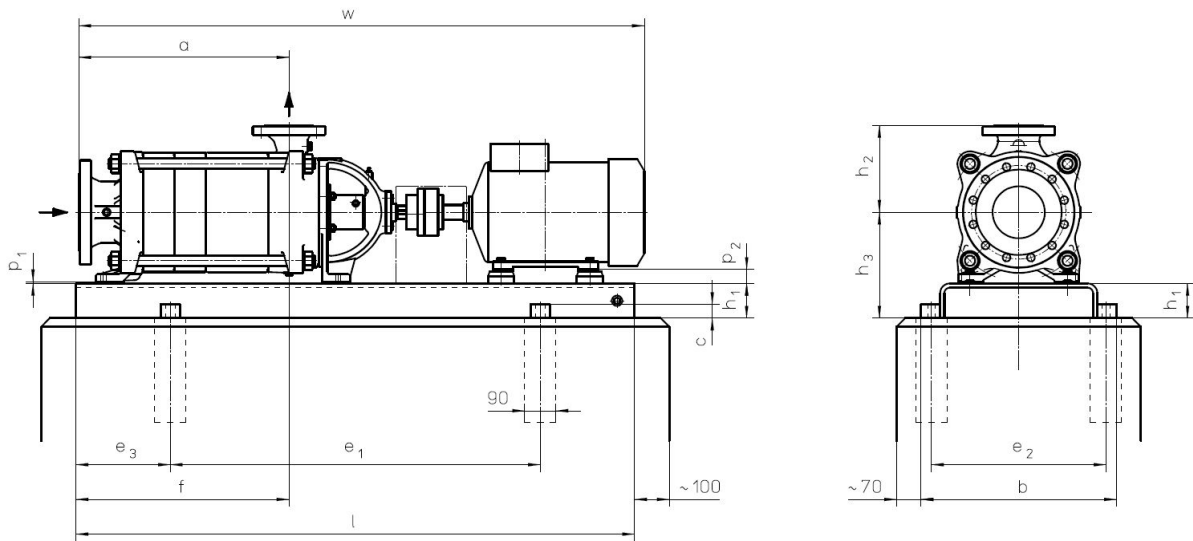
PN 40

DN _{A,E}	50	65	80	100	125	150
D	165	185	200	235	270	300
k	125	145	160	190	220	250
d ₂ x quan.	18 x 4	18 x 8	18 x 8	22 x 8	26 x 8	26 x 8

PN 25

DN _{A,E}	100	200
D	235	360
k	190	310
d ₂ x quan.	22 x 8	26 x 12

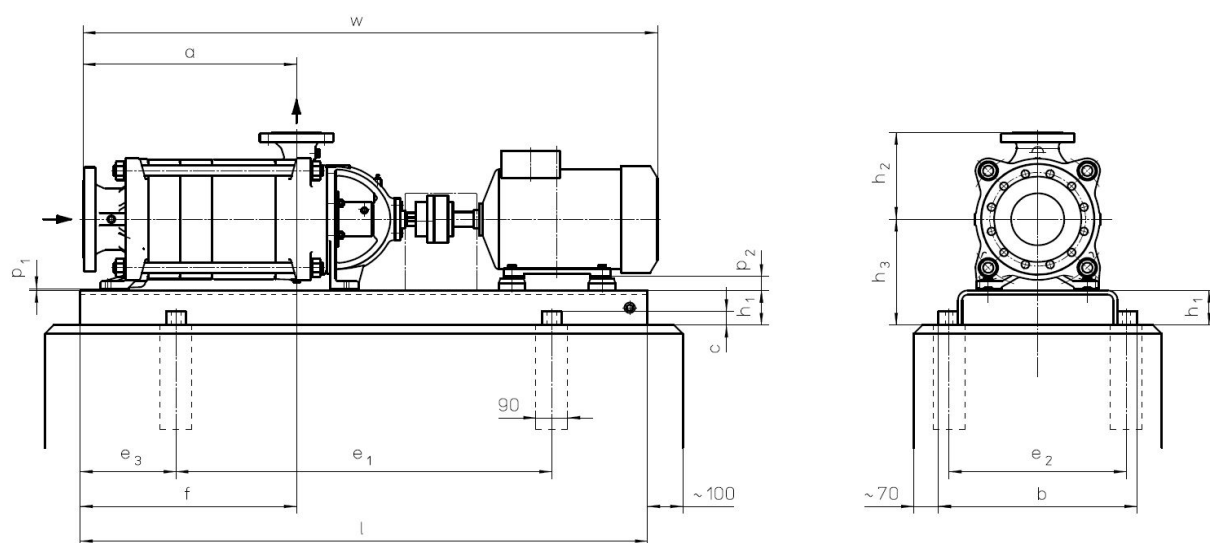
Dimension table



Dimensions in mm

Pump size	motor		a	b	c	e ₁	e ₂	e ₃	f	h ₁	h ₂	h ₃	l	p ₁	p ₂	w	Rag bolt	weight kg				
	kW	size																				
5002	15	160M	371	540	30	840	490	215	381	80	190	245	1270	5	5	1275	M20x250	289				
5003	18.5	160L	433	610	35	940	550	240	443	100	190	265	1420	5	5	1337	M24x400	413				
	22	180M										295		25		1467		426				
5004	18.5	160L	495	610	35	940	550	240	505	100	190	265	1420	5	5	1439	M24x400	426				
	22	180M										295		25		1529		440				
	30	200L										305		1600		45		5	1584	M24x400	502	
5005	30	200L	557	560	40	1060	500	270	567	100	190	305	1600	45	5	1646	M24x400	516				
	45	225M		660	35		600	280				330	1620	70		1676		638				
5006	22	180M	619	560	40	1060	500	270	629	100	190	285	1600	25	5	1653	M24x400	453				
	30	200L										305		45		1708		530				
	37	200L										330		70	5	1738	M24x400	652				
	45	225M																				
5007	30	200L	681	560	40	1200	500	300	691	100	190	305	1800	45	5	1770	M24x400	555				
	37	200L										330		70		5		1800		575		
	45	225M																				
5008	45	225M	743	730	40	1200	670	310	753	100	190	330	1820	70	5	1862	M24x400	711				
5009	55	250M	867	740	40	2x700	690	300	877	100	190	355	2000	95	5	2159	M24x400	843				
6502	22	180M	444	610	35	940	550	240	454	100	215	285	1420	5	5	1526	M24x400	437				
6503	30	200L	519	660	35	1060	600	280	529	100	215	305	1620	25	5	1656	M24x400	554				
6504	30	200L	594	660	35	1060	600	280	604	100	215	305	1620	25	5	1731	M24x400	575				
	45	225M		740	40		690	270				330		50		1761		686				
	55	250M										355		1800		75		1886	792			
6505	45	225M	669	740	40	1200	690	300	679	100	215	330	1800	50	5	1836	M24x400	749				
	55	250M										355		75		1961		813				
6506	55	250M	744	740	40	2x700	690	300	754	100	215	355	2000	75	5	2036	M24x400	856				
6507	75	280S	819	740	40	2x700	690	300	829	100	215	390	2000	110	10	2186	M24x400	1084				
8002	15	160L	512	610	35	940	550	240	512	100	250	305	1420	5	45	1532	M24x400	421				
	75	280S		740	40	1200	690	300	522			385	1800	85	5	1911		1013				
8003	15	160L	602	560	40	1060	500	270	612	100	250	305	1600	5	45	1622	M24x400	442				
	75	280S		740	40	2x700	690	300				385	2000	85	5	1998		1075				
	90	280M																				
8004	15.5	180M	692	560	40	1200	500	300	702	100	250	305	1800	5	25	1802	M24x400	554				
	22	180L										330		70	5	1802		579				
8005	22	180L	782	560	40	1200	500	300	792	100	250	305	1800	5	25	1892	M24x400	609				
8006	30	200L	872	740	40	2x700	690	300	882	100	250	305	2000	5	5	2037	M24x400	782				
8007	30	200L	962	740	40	2x700	690	300	972	100	250	305	2000	5	5	2127	M24x400	812				
8008	37	225S	1052	740	40	2x750	690	370	1062	100	250	330	2240	30	5	2282	M24x400	964				
8009	37	225S	1142	740	40	2x750	690	370	1152	100	250	330	2240	30	5	2372	M24x400	964				
	45	225M										355		55	5	2465		994				
	55	250M																				
8010	45	225M	1322	740	40	2x830	690	420	1242	100	250	355	2500	55	5	2555	M24x400	1264				
8011	45	225M	1412	740	40	2x830	690	420	1332	100	250	355	2500	55	5	2645	M24x400	1294				

Dimension table



Dimensions in mm

Pump size	motor		a	b	c	e_1	e_2	e_3	f	h_1	h_2	h_3	l	p_1	p_2	w	rag bolt	weight kg
	kW	size																
10002	22	180M	581	560	40	1200	500	300	591	100	300	355	1800	5	75	1747	M24x400	608
10003	30	200L	691	560	40	1200	500	300	701	100	300	355	1800	5	55	1906	M24x400	709
	45	225M		740											30	1972		891
10004	37	225S	801	740	40	2x700	690	300	811	100	300	355	2000	5	30	2082	M24x400	939
	45	225M																969
10005	45	225M	911	740	40	2x700	690	350	921	100	300	355	2100	5	30	2192	M24x400	1003
10006	45	225M	1021	740	40	2x750	690	370	1031	100	300	355	2240	5	30	2302	M24x400	1065
	55	250M													5	2397		1206
	75	280S													5	2472		1408
10007	55	250M	1131	740	40	2x830	690	420	1141	100	300	355	2500	5	5	2507	M24x400	1329
	75	280S												35		2582		1531
10008	75	280S	1241	740	40	2x830	690	420	1251	100	300	385	2500	35	5	2692	M24x400	1529
	90	280M																1579

Other designs on request.

For additional details about the pump and the pump set please use the catalogue „Accessories UEA“.

Any changes in the interest of the technical development are reserved.