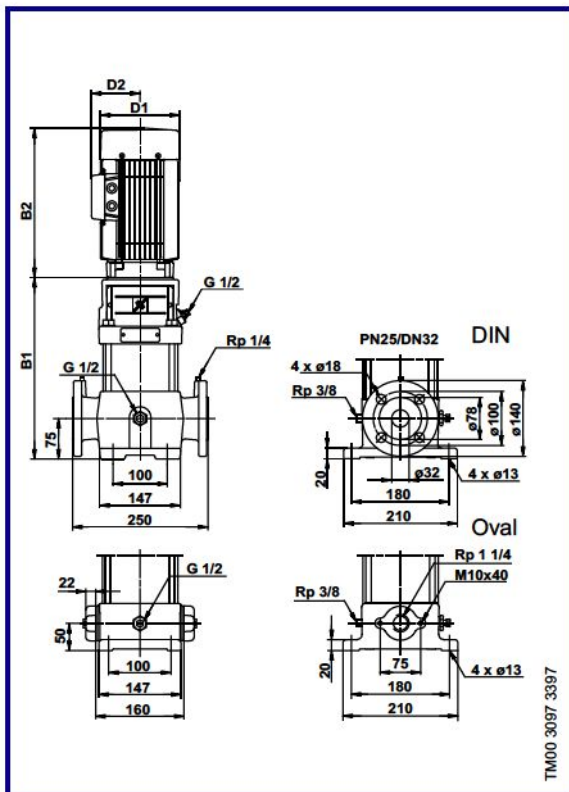


## Dimensional Sketches



## Dimensions and Weights

Pump Type	Dimensions [mm]							Net Weight [kg]	
	*	B2	* B1 + B2	** B1	** B1 + B2	D1	D2	*	**
	B1								
CR 4-20/1	235	190	425	260	450	140	110	20	25
CR 4-20	235	190	425	260	450	140	110	20	25
CR 4-30	265	190	455	290	480	140	110	20	25
CR 4-40	295	230	525	320	550	140	110	20	25
CR 4-50	325	230	555	350	580	140	110	20	25
CR 4-60	350	230	580	375	605	140	110	20	25
CR 4-80/7	420	280	700	445	720	180	125	25	30
CR 4-80	420	280	700	445	725	180	110	25	30
CR 4-100	475	280	755	500	780	180	110	30	35
CR 4-120	530	280	810	555	835	180	110	30	35
CR 4-160/14	645	335	980	670	1005	180	110	40	45
CR 4-160	645	335	980	670	1005	180	110	45	50
CR 4-190		370		750	1080	180	135		60
CR 4-220		370		830	1200	180	135		65

\* CR 4 with oval flanges  
 \*\* CR 4 with DIN flanges

Pipework connection:

DIN 2566 with threaded socket  
 DIN 2634 with socket for welding

## Electrical Data

3 x 380-415 V, 50 Hz

Pump Type	Motor		Full Load Current $I_{1/1}$ [A]	Power Factor $\cos \phi_{1/1}$	Motor Efficiency $\eta$ [%]	$\frac{I_{start}}{I_{1/1}}$
	[kW]	[hp]				
CR 4-20/1	0.37	0.50	0.96	0.84-0.76	72	4.8-5.2
CR 4-20	0.37	0.50	0.96	0.84-0.76	72	4.8-5.2
CR 4-30	0.55	0.75	1.44	0.84-0.76	72	4.8-5.2
CR 4-40	0.75	1.0	1.86	0.86-0.78	74	5.0-5.5
CR 4-50	1.1	1.5	2.65	0.87-0.79	76	5.2-5.7
CR 4-60	1.1	1.5	2.65	0.87-0.79	76	5.2-5.7
CR 4-80/7	1.5	2.0	3.40	0.85-0.79	82	6.3-6.9
CR 4-80	1.5	2.0	3.40	0.85-0.79	82	6.3-6.9
CR 4-100	2.2	3.0	4.75	0.87-0.82	84	7.0-7.6
CR 4-120	2.2	3.0	4.75	0.87-0.82	84	7.0-7.6
CR 4-160/14	3.0	4.0	6.25	0.88-0.82	86	7.8-8.5
CR 4-160	3.0	4.0	6.25	0.88-0.82	86	7.8-8.5
CR 4-190	4.0	5.5	8.00	0.90-0.87	87	8.7-9.5
CR 4-220	4.0	5.5	8.00	0.90-0.87	87	8.7-9.5