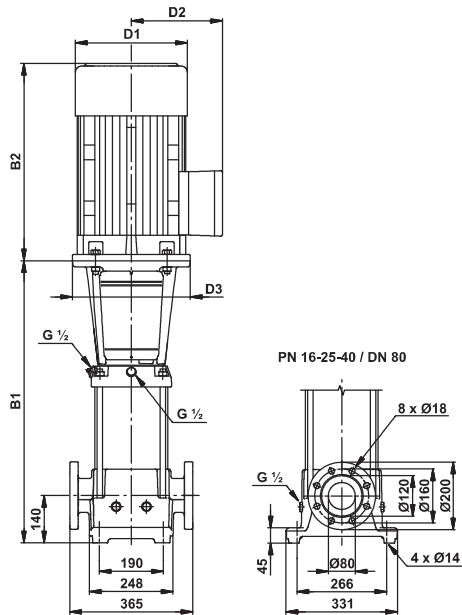


Technical Data

Vertical multistage centrifugal pumps

LCR 45

Performance Chart



Pump Type	H.P.	kW	Q l/min m³/h	n = 2900 rpm					
				366.7	500.0	666.7	750.0	833.3	916.7
				22.0	30.0	40.0	45.0	50.0	55.0
LCR 45/1-1	4.00	3.00	H mts.	20	20	17	15	13	11
LCR 45/1	5.50	4.00		25	24	21	20	18	16
LCR 45/2-2	7.50	5.50		41	39	35	31	27	22
LCR 45/2	10.0	7.50		50	48	43	40	36	32
LCR 45/3-2	15.0	11.0		67	64	57	52	46	39
LCR 45/3	15.0	11.0		76	72	65	60	54	48
LCR 45/4-2	20.0	15.0		93	88	79	73	64	56
LCR 45/4	20.0	15.0		100	95	86	80	72	64
LCR 45/5-2	25.0	18.5		119	113	101	93	84	74
LCR 45/5	25.0	18.5		126	120	108	101	91	80
LCR 45/6-2	30.0	22.0		145	138	124	114	103	90
LCR 45/6	30.0	22.0		152	145	130	120	108	97
LCR 45/7-2	40.0	30.0		170	163	148	137	124	109
LCR 45/7	40.0	30.0		178	171	155	145	132	117
LCR 45/8-2	40.0	30.0		196	187	169	157	142	125
LCR 45/8	40.0	30.0		203	194	175	164	150	133
LCR 45/9-2	40.0	30.0		220	211	191	177	160	142
LCR 45/9	50.0	37.0		229	220	199	185	168	150
LCR 45/10-2	50.0	37.0		246	235	213	198	180	159
LCR 45/10	50.0	37.0		254	242	220	206	188	167
LCR 45/11-2	60.0	45.0		277	263	238	221	201	177
LCR 45/11	60.0	45.0		285	272	247	230	210	187
LCR 45/12-2	60.0	45.0		303	289	261	243	220	195
LCR 45/12	60.0	45.0		313	297	269	251	229	204
LCR 45/13-2	60.0	45.0		328	314	283	263	239	212

Dimensions & Weights of LCR Pump

Pump type	Dimensions [mm]					Net weight [kg]	Gross weight [kg]	Gross volume [m³]
	DIN flange		D1	D2	D3			
	B1	B1+B2						
LCR 45/1-1	559	863	194	140	-	80.0	138.0	0.3745
LCR 45/1	559	909	220	150	158	91.0	149.0	0.3745
LCR 45/2-2	639	1049	262	177	298	108.0	166.0	0.3745
LCR 45/2	639	1049	262	177	298	110.0	168.0	0.3745
LCR 45/3-2	829	1371	304	225	350	149.0	207.0	0.3745
LCR 45/3	829	1371	304	225	350	149.0	219.0	0.4495
LCR 45/4-2	909	1451	304	225	350	169.0	239.0	0.4495
LCR 45/4	909	1451	304	225	350	169.0	239.0	0.4495
LCR 45/5-2	989	1531	304	225	350	204.0	274.0	0.4495
LCR 45/5	989	1531	304	225	350	204.0	274.0	0.4495
LCR 45/6-2	1069	1679	363	262	350	240.0	310.0	0.4495
LCR 45/6	1069	1679	363	262	350	240.0	310.0	0.4495
LCR 45/7-2	1149	1795	415	300	400	321.0	404.0	0.5370
LCR 45/7	1149	1795	415	300	400	321.0	404.0	0.5370
LCR 45/8-2	1229	1875	415	300	400	336.0	419.0	0.5370
LCR 45/8	1229	1875	415	300	400	336.0	419.0	0.5370
LCR 45/9-2	1309	1955	415	300	400	341.0	424.0	0.5370
LCR 45/9	1309	2012	415	300	400	361.0	444.0	0.5370
LCR 45/10-2	1389	2092	415	300	400	366.0	463.0	0.6245
LCR 45/10	1389	2092	415	300	400	366.0	463.0	0.6245
LCR 45/11-2	1469	2178	442	325	450	478.0	575.0	0.6245
LCR 45/11	1469	2178	442	325	450	478.0	575.0	0.6245
LCR 45/12-2	1549	2258	442	325	450	483.0	580.0	0.6245
LCR 45/12	1549	2258	442	325	450	483.0	580.0	0.6245
LCR 45/13-2	1629	2338	442	325	450	488.0	585.0	0.6245

Performance Curves

Vertical multistage centrifugal pumps

LCR 45

