

CD4 PRO+

THE MOST EFFICIENT CO₂ COMPRESSORS RANGE



CD400 PRO+

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»EN. Dorin is proud to introduce two new CO₂ compressors ranges, **CD PRO** and **CD PRO+**. With these new platforms Dorin is taking its innovation to a next level, further raising the bar in energy efficiency with new groundbreaking technologies. **CD PRO** embeds a comprehensive package of new technical solutions bringing in substantial improvements in term of COP, up to 7% when compared to existing platforms.

CD PRO+ pushes further this limit thanks to the introduction of **LSPM motors**, this allowing COP boost up to 15% when compared to the existing platforms. Aside its unparalleled reliability, Dorin is now setting a new benchmark with the most efficient rang of CO₂ compressors.

RANGE	MODEL	CYLINDERS	DISPLACEMENT [m³/h] @ 50 Hz	HP	RPM @ 50 Hz	SUCTION	DISCHARGE	NET WEIGHT [kg]	OIL CHARGE [l]
						SL [mm]	DL [mm]		
CD4 PRO+	CD4 55-4,7M PRO+	4	4,83	5,5	1500	22	18	117	1,7
	CD4 75-4,7H PRO+	4	4,83	7,5	1500	22	18	117	1,7
	CD4 75-6,4M PRO+	4	6,62	7,5	1500	22	18	117	1,7
	CD4 90-6,4H PRO+	4	6,62	9,0	1500	22	18	117	1,7
	CD4 75-7,3M PRO+	4	7,53	7,5	1500	22	18	120	1,7
	CD4 90-7,3H PRO+	4	7,53	9,0	1500	22	18	120	1,7
	CD4 90-9,2M PRO+	4	9,53	9,0	1500	22	18	119	1,7
	CD4 120-9,2H PRO+	4	9,53	12,0	1500	22	18	121	1,7

RANGE	MODEL	CYLINDERS	DISPLACEMENT [m³/h] @ 50 Hz	RPM @ 50 Hz	SUCTION	DISCHARGE	NET WEIGHT [kg]	OIL CHARGE [l]
					SL [mm]	DL [mm]		
CD400 PRO+	CD2000H PRO+	4	12,09	1500	22	22	164	2,5
	CD2000M PRO+	4	14,32	1500	22	22	164	2,5
	CD2400H PRO+	4	14,32	1500	22	22	168	2,5
	CD2500H PRO+	4	16,26	1500	22	22	168	2,5
	CD2500M PRO+	4	18,45	1500	22	22	172	2,5
	CD3000H PRO+	4	18,45	1500	22	22	178	2,5
	CD2001B PRO+	4	20,85	1500	22	22	168	2,5
	CD3001M PRO+	4	20,85	1500	22	22	178	2,5
	CD3401H PRO+	4	20,85	1500	22	22	187	2,5
	CD2501B PRO+	4	24,10	1500	22	22	172	2,5
	CD3501H PRO+	4	24,10	1500	22	22	187	2,5
	CD3001B PRO+	4	27,36	1500	22	22	178	2,5
	CD3501M PRO+	4	27,36	1500	22	22	187	2,5
	CD4501H PRO+	4	27,36	1500	22	22	199	2,5
	CD3501B PRO+	4	31,27	1500	28	22	199	2,5
	CD5001M PRO+	4	31,27	1500	28	22	202	2,5
	CD4001B PRO+	4	36,70	1500	28	22	199	2,5
	CD5201M PRO+	4	36,70	1500	28	22	202	2,5