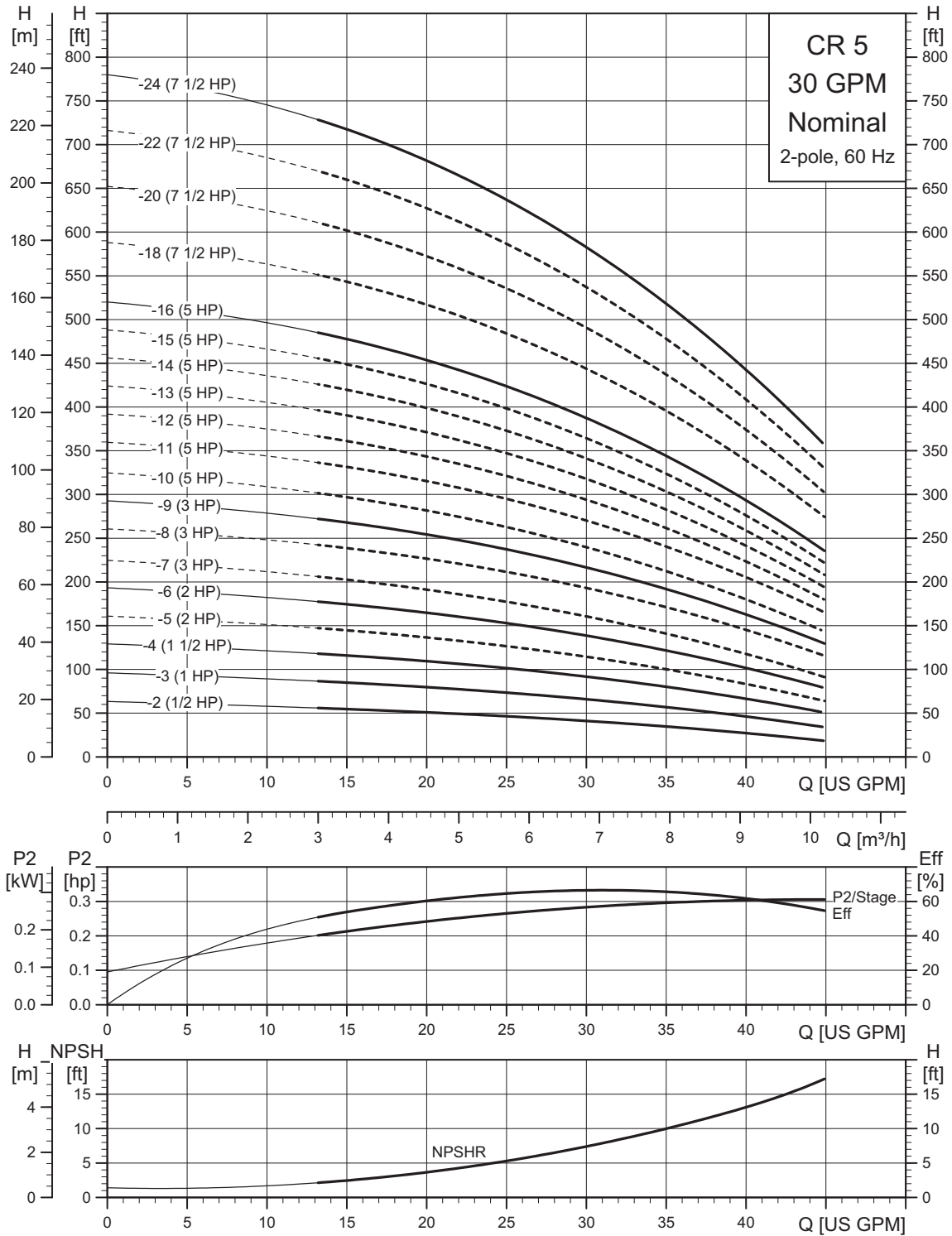


Performance curves

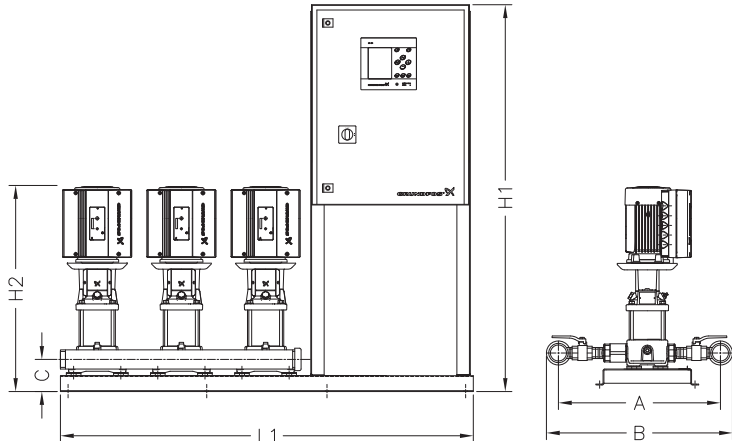
CR 5



Pump curves shown with solid bold line represent standard BoosterpaQ pump offerings. Pump curves shown with dashed line represent non-standard BoosterpaQ pump offerings, which are available upon request.

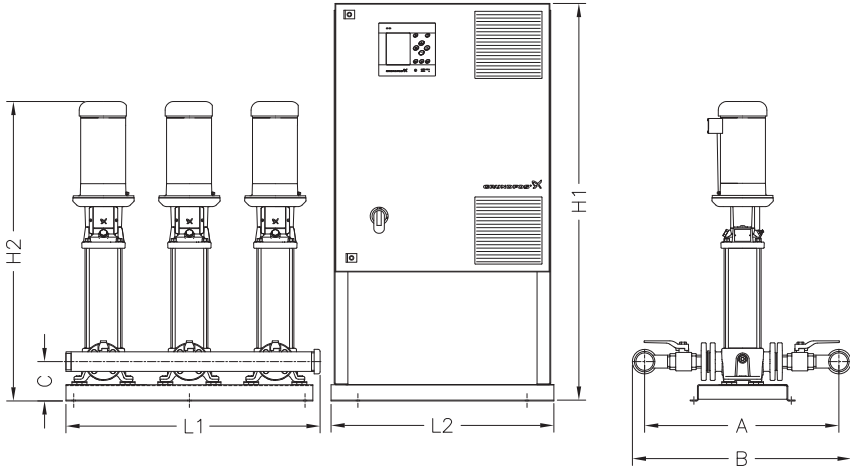
TM05 1567 3211

Hydro MPC BoosterpaQ with CR(E) 5 pumps



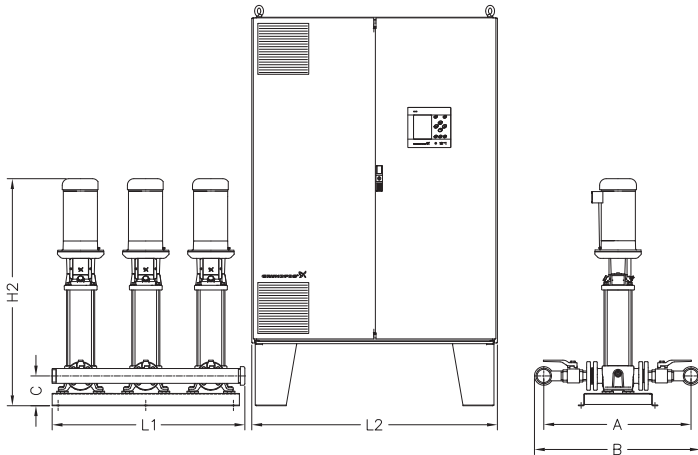
TM05 5876 4112

Fig. 38 Drawing of a Hydro MPC booster set with a control panel mounted on the same base plate as the pumps. (Design A)



TM05 5878 4112

Fig. 39 Drawing of a Hydro MPC booster set with control panel and pumps on separate base plates. (Design B)



TM05 5877 4112

Fig. 40 Drawing of a Hydro MPC booster set with a floor-mounted control panel. (Design C)

Hydro MPC-E BoosterpaQ with CRE 5 pumps

No. of pumps	Pump type	Motor [hp]	Connect. size [in.]	A [in]	B [in]	C [in]	H1 [in]	H2 [in]	L1 [in]	L2 [in]	Panel dim. HxWxD [in]	Wt. w/out panel [lb]	Wt. w/panel [lb]	Design
2	CRE 5-4	1.5	2" NPT	22.4	24.8	4.8	57.9	29.7	49.2	N/A	30x24x9	271	367	A
	CRE 5-6	2					57.9	31.8	49.2	N/A	30x24x9	276	373	A
	CRE 5-9	3					57.9	36.6	49.2	N/A	30x24x9	314	410	A
	CRE 5-13	5					57.9	43.0	49.2	N/A	30x24x9	394	491	A
	CRE 5-16	5					57.9	46.2	49.2	N/A	30x24x9	402	498	A
3	CRE 5-4	1.5	2.5" NPT	24.6	27.5	4.8	57.9	29.7	61.8	N/A	30x24x9	397	505	A
	CRE 5-6	2					57.9	31.8	61.8	N/A	30x24x9	404	513	A
	CRE 5-9	3					57.9	36.6	61.8	N/A	30x24x9	461	570	A
	CRE 5-13	5					57.9	43.0	61.8	N/A	30x24x9	581	690	A
	CRE 5-16	5					57.9	46.2	61.8	N/A	30x24x9	593	701	A
4	CRE 5-4	1.5	3" NPT	24.6	28.1	4.8	57.9	29.7	74.4	N/A	30x24x9	526	646	A
	CRE 5-6	2					57.9	31.8	74.4	N/A	30x24x9	536	657	A
	CRE 5-9	3					57.9	36.6	74.4	N/A	30x24x9	612	732	A
	CRE 5-13	5					57.9	43.0	74.4	N/A	30x24x9	772	893	A
	CRE 5-16	5					57.9	46.2	74.4	N/A	30x24x9	787	908	A
5	CRE 5-4	1.5	3" NPT	24.6	28.1	4.8	57.9	29.7	61.4	24.8	30x24x9	705	837	B
	CRE 5-6	2					57.9	31.8	61.4	24.8	30x24x9	718	850	B
	CRE 5-9	3					57.9	36.6	61.4	24.8	30x24x9	812	945	B
	CRE 5-13	5					57.9	43.0	61.4	24.8	30x24x9	1012	1145	B
	CRE 5-16	5					57.9	46.2	61.4	24.8	30x24x9	1032	1164	B
6	CRE 5-4	1.5	4" ANSI	24.7	33.7	4.8	57.9	29.7	75.0	32.7	40x32x12	841	1040	B
	CRE 5-6	2					57.9	31.8	75.0	32.7	40x32x12	856	1056	B
	CRE 5-9	3					57.9	36.6	75.0	32.7	40x32x12	970	1169	B
	CRE 5-13	5					57.9	43.0	75.0	32.7	40x32x12	1210	1409	B
	CRE 5-16	5					57.9	46.2	75.0	32.7	40x32x12	1233	1432	B

Design A: Hydro MPC booster set with a control panel mounted on the same base plate as the pumps.

Design B: Hydro MPC booster set with a control panel and pumps mounted on separate base plates.

Design C: Hydro MPC booster set with a floor mounted control panel.

Note: All control panel dimensions based on 460/3/60 power. Dimensions may vary ± 1 in. and vary due to options requested and component changes. Please contact Grundfos for a Certified drawing for construction purposes.

Hydro MPC-E(CUE) BoosterpaQ with CR 5 pumps

No. of pumps	Pump type	Motor [hp]	Connect. size [in.]	A [in]	B [in]	C [in]	H1 [in]	H2 [in]	L1 [in]	L2 [in]	Panel dim. HxWxD [in]	Wt. w/out panel [lb]	Wt. w/panel [lb]	Design
2	CR 5-4	1.5	2" NPT	22.4	24.8	4.8	60.0	25.5	23.6	36.0	48x36x16	203	442	C
	CR 5-6	2					60.0	30.2	23.6	36.0	48x36x16	250	496	C
	CR 5-9	3					60.0	36.5	23.6	36.0	48x36x16	268	514	C
	CR 5-13	5					60.0	43.0	23.6	36.0	48x36x16	306	552	C
	CR 5-16	5					60.0	46.2	23.6	36.0	48x36x16	314	560	C
3	CR 5-4	1.5	2.5" NPT	24.6	27.5	4.8	60.0	25.5	36.2	36.0	48x36x16	295	550	C
	CR 5-6	2					75.0	30.2	36.2	48.0	63x48x20	365	793	C
	CR 5-9	3					75.0	36.5	36.2	48.0	63x48x20	392	820	C
	CR 5-13	5					75.0	43.0	36.2	48.0	63x48x20	449	877	C
	CR 5-16	5					75.0	46.2	36.2	48.0	63x48x20	461	889	C
4	CR 5-4	1.5	3" NPT	24.6	28.1	4.8	60.0	25.5	48.8	36.0	48x36x16	390	662	C
	CR 5-6	2					75.0	30.2	48.8	48.0	63x48x20	484	932	C
	CR 5-9	3					75.0	36.5	48.8	48.0	63x48x20	520	968	C
	CR 5-13	5					75.0	43.0	48.8	48.0	63x48x20	596	1044	C
	CR 5-16	5					75.0	46.2	48.8	48.0	63x48x20	611	1060	C
5	CR 5-4	1.5	3" NPT	24.6	28.1	4.8	60.0	25.5	61.4	36.0	48x36x16	535	823	C
	CR 5-6	2					75.0	30.2	61.4	63.0	63x63x20	653	1250	C
	CR 5-9	3					75.0	36.5	61.4	63.0	63x63x20	697	1295	C
	CR 5-13	5					75.0	43.0	61.4	63.0	63x63x20	792	1390	C
	CR 5-16	5					75.0	46.2	61.4	63.0	63x63x20	812	1409	C
6	CR 5-4	1.5	4" ANSI	24.7	33.7	4.8	60.0	25.5	75.0	36.0	48x36x16	637	942	C
	CR 5-6	2					83.0	30.2	75.0	71.0	71x71x20	778	1476	C
	CR 5-9	3					83.0	36.5	75.0	71.0	71x71x20	832	1530	C
	CR 5-13	5					83.0	43.0	75.0	71.0	71x71x20	946	1644	C
	CR 5-16	5					83.0	46.2	75.0	71.0	71x71x20	969	1667	C

Design A: Hydro MPC booster set with a control panel mounted on the same base plate as the pumps.

Design B: Hydro MPC booster set with a control panel and pumps mounted on separate base plates.

Design C: Hydro MPC booster set with a floor mounted control panel.

Note: All control panel dimensions based on 460/3/60 power. Dimensions may vary ± 1 in. and vary due to options requested and component changes. Please contact Grundfos for a Certified drawing for construction purposes.

Hydro MPC-F BoosterpaQ with CR 5 pumps

No. of pumps	Pump type	Motor [hp]	Connect. size [in.]	A [in]	B [in]	C [in]	H1 [in]	H2 [in]	L1 [in]	L2 [in]	Panel dim. HxWxD [in]	Wt. w/out panel [lb]	Wt. w/panel [lb]	Design
2	CR 5-4	1.5	2" NPT	22.4	24.8	4.8	57.9	25.5	23.6	32.7	40x32x12	203	362	B
	CR 5-6	2					57.9	30.2	23.6	32.7	40x32x12	250	413	B
	CR 5-9	3					57.9	36.5	23.6	32.7	40x32x12	268	431	B
	CR 5-13	5					57.9	43.0	23.6	32.7	40x32x12	306	469	B
	CR 5-16	5					57.9	46.2	23.6	32.7	40x32x12	314	476	B
3	CR 5-4	1.5	2.5" NPT	24.6	27.5	4.8	57.9	25.5	36.2	32.7	40x32x12	295	467	B
	CR 5-6	2					57.9	30.2	36.2	32.7	40x32x12	365	541	B
	CR 5-9	3					57.9	36.5	36.2	32.7	40x32x12	392	568	B
	CR 5-13	5					57.9	43.0	36.2	32.7	40x32x12	449	625	B
	CR 5-16	5					57.9	46.2	36.2	32.7	40x32x12	461	637	B
4	CR 5-4	1.5	3" NPT	24.6	28.1	4.8	57.9	25.5	48.8	32.7	40x32x12	390	576	B
	CR 5-6	2					57.9	30.2	48.8	32.7	40x32x12	484	674	B
	CR 5-9	3					57.9	36.5	48.8	32.7	40x32x12	520	709	B
	CR 5-13	5					57.9	43.0	48.8	32.7	40x32x12	596	785	B
	CR 5-16	5					57.9	46.2	48.8	32.7	40x32x12	611	801	B
5	CR 5-4	1.5	3" NPT	24.6	28.1	4.8	57.9	25.5	61.4	32.7	47x32x12	535	762	B
	CR 5-6	2					57.9	30.2	61.4	32.7	47x32x12	653	884	B
	CR 5-9	3					57.9	36.5	61.4	32.7	47x32x12	697	928	B
	CR 5-13	5					57.9	43.0	61.4	32.7	47x32x12	792	1023	B
	CR 5-16	5					57.9	46.2	61.4	32.7	47x32x12	812	1042	B
6	CR 5-4	1.5	4" ANSI	24.7	33.7	4.8	57.9	25.5	75.0	32.7	47x32x12	637	877	B
	CR 5-6	2					57.9	30.2	75.0	32.7	47x32x12	778	1023	B
	CR 5-9	3					57.9	36.5	75.0	32.7	47x32x12	832	1076	B
	CR 5-13	5					57.9	43.0	75.0	32.7	47x32x12	946	1190	B
	CR 5-16	5					57.9	46.2	75.0	32.7	47x32x12	969	1213	B

Design A: Hydro MPC booster set with a control panel mounted on the same base plate as the pumps.

Design B: Hydro MPC booster set with a control panel and pumps mounted on separate base plates.

Design C: Hydro MPC booster set with a floor mounted control panel.

Note: All control panel dimensions based on 460/3/60 power. Dimensions may vary ± 1 in. and vary due to options requested and component changes. Please contact Grundfos for a Certified drawing for construction purposes.

Hydro MPC-S BoosterpaQ with CR 5 pumps

No. of pumps	Pump type	Motor [hp]	Connect. size [in.]	A [in]	B [in]	C [in]	H1 [in]	H2 [in]	L1 [in]	L2 [in]	Panel dim. HxWxD [in]	Wt. w/out panel [lb]	Wt. w/panel [lb]	Design
2	CR 5-4	1.5	2" NPT	22.4	24.8	4.8	57.9	25.5	49.2	N/A	24x24x8	203	280	A
	CR 5-6	2					57.9	30.2	49.2	N/A	24x24x8	250	327	A
	CR 5-9	3					57.9	36.5	49.2	N/A	24x24x8	268	345	A
	CR 5-13	5					57.9	43.0	49.2	N/A	24x24x8	306	383	A
	CR 5-16	5					57.9	46.2	49.2	N/A	24x24x8	314	391	A
3	CR 5-4	1.5	2.5" NPT	24.6	27.5	4.8	57.9	25.5	61.8	N/A	24x24x8	295	384	A
	CR 5-6	2					57.9	30.2	61.8	N/A	24x24x8	365	455	A
	CR 5-9	3					57.9	36.5	61.8	N/A	24x24x8	392	482	A
	CR 5-13	5					57.9	43.0	61.8	N/A	24x24x8	449	539	A
	CR 5-16	5					57.9	46.2	61.8	N/A	24x24x8	461	550	A
4	CR 5-4	1.5	3" NPT	24.6	28.1	4.8	57.9	25.5	48.8	32.7	40x32x12	390	568	B
	CR 5-6	2					57.9	30.2	48.8	32.7	40x32x12	484	663	B
	CR 5-9	3					57.9	36.5	48.8	32.7	40x32x12	520	698	B
	CR 5-13	5					57.9	43.0	48.8	32.7	40x32x12	596	774	B
	CR 5-16	5					57.9	46.2	48.8	32.7	40x32x12	611	790	B
5	CR 5-4	1.5	3" NPT	24.6	28.1	4.8	57.9	25.5	61.4	32.7	47x32x12	535	754	B
	CR 5-6	2					57.9	30.2	61.4	32.7	47x32x12	653	872	B
	CR 5-9	3					57.9	36.5	61.4	32.7	47x32x12	697	916	B
	CR 5-13	5					57.9	43.0	61.4	32.7	47x32x12	792	1012	B
	CR 5-16	5					57.9	46.2	61.4	32.7	47x32x12	812	1031	B
6	CR 5-4	1.5	4" ANSI	24.7	33.7	4.8	57.9	25.5	75.0	32.7	47x32x12	637	869	B
	CR 5-6	2					57.9	30.2	75.0	32.7	47x32x12	778	1010	B
	CR 5-9	3					57.9	36.5	75.0	32.7	47x32x12	832	1064	B
	CR 5-13	5					57.9	43.0	75.0	32.7	47x32x12	946	1178	B
	CR 5-16	5					57.9	46.2	75.0	32.7	47x32x12	969	1201	B

Design A: Hydro MPC booster set with a control panel mounted on the same base plate as the pumps.

Design B: Hydro MPC booster set with a control panel and pumps mounted on separate base plates.

Design C: Hydro MPC booster set with a floor mounted control panel.

Note: All control panel dimensions based on 460/3/60 power. Dimensions may vary ± 1 in. and vary due to options requested and component changes. Please contact Grundfos for a Certified drawing for construction purposes.