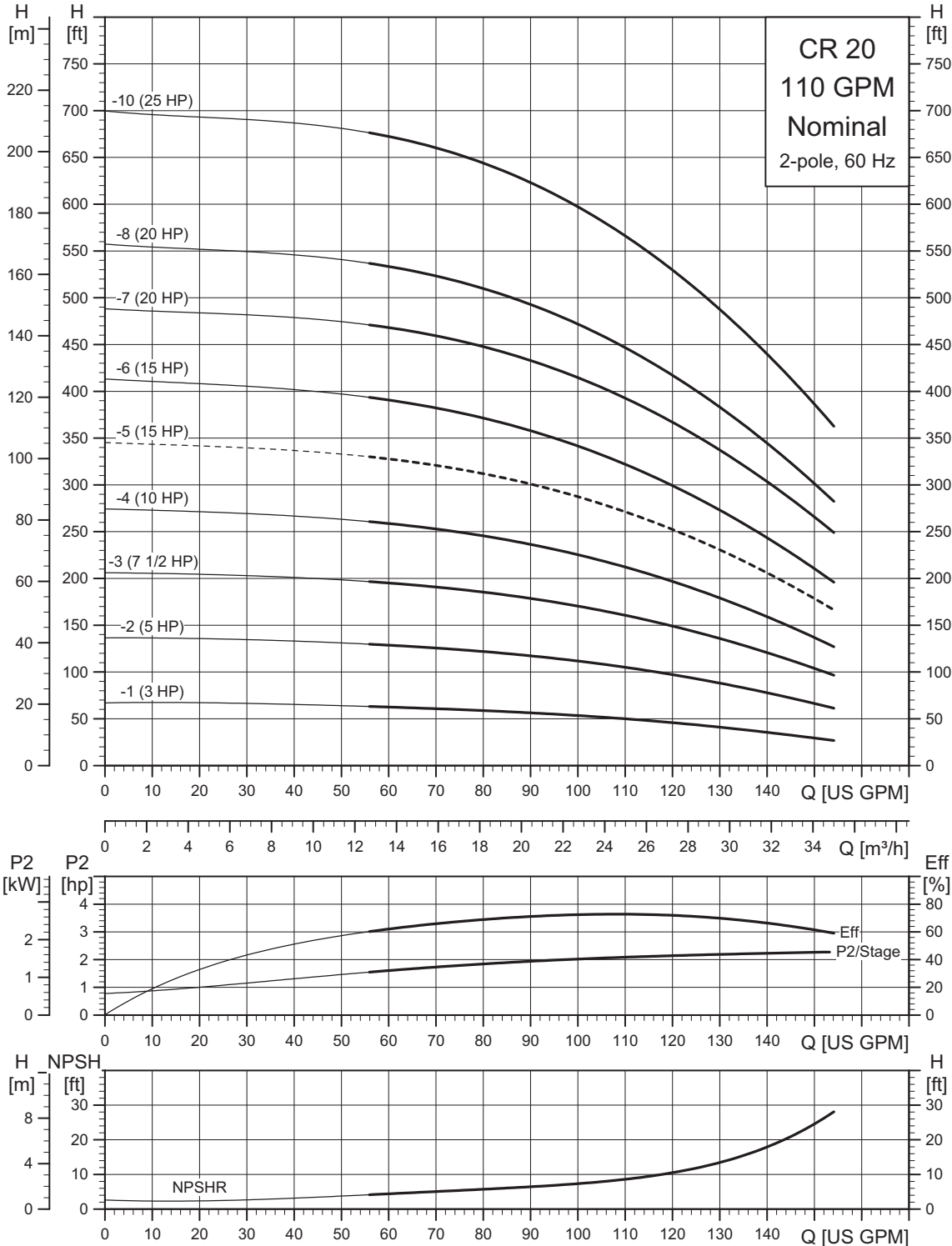


Performance curves

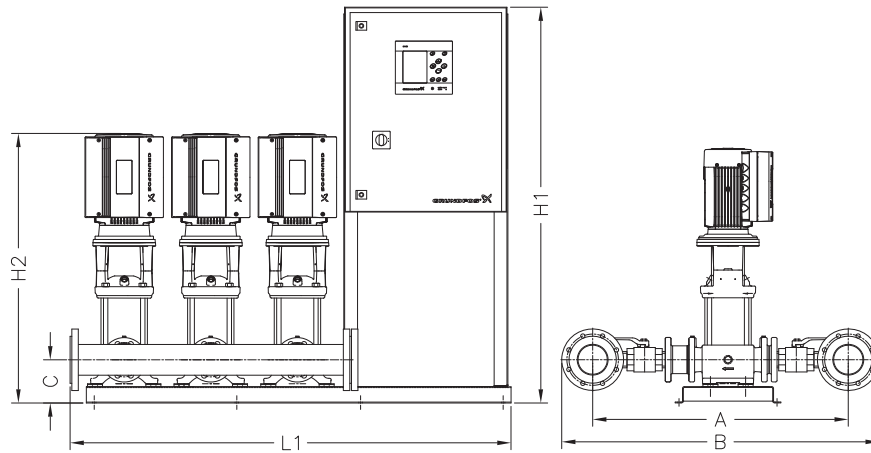
CR 20



TM05 1570 3211

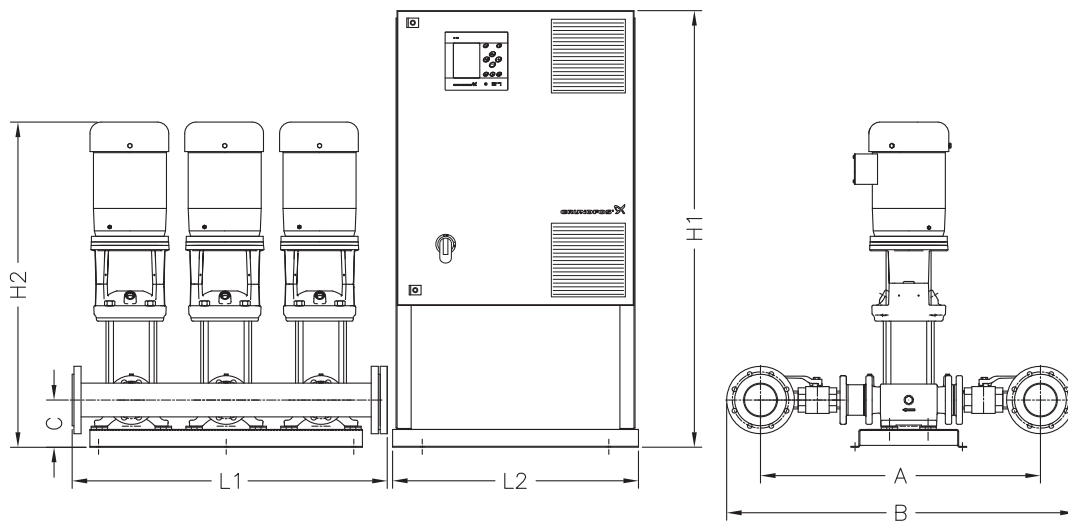
Pump curves shown with solid bold line represent standard BoosterpaQ pump offerings. Pump curves shown with dashed line represent non-standard BoosterpaQ pump offerings, which are available upon request.

Hydro MPC BoosterpaQ with CR(E) 20 pumps



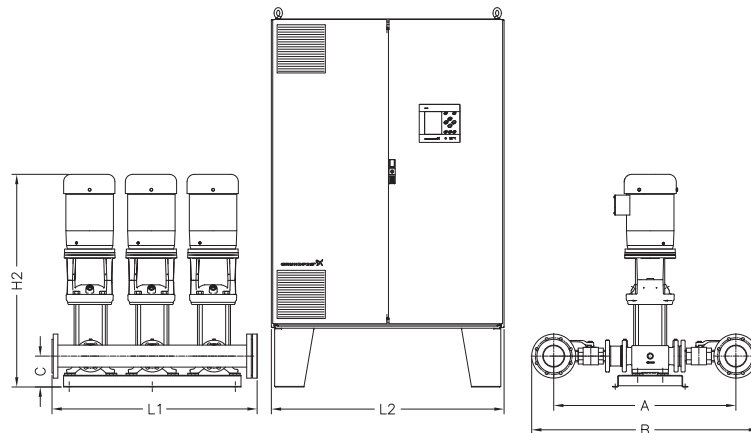
TM05 5882 4112

Fig. 47 Drawing of a Hydro MPC booster set with a control panel mounted on the same base plate as the pumps. (Design A)



TM05 5884 4112

Fig. 48 Drawing of a Hydro MPC booster set with control panel and pumps on separate base plates. (Design B)



TM05 5883 4112

Fig. 49 Drawing of a Hydro MPC booster set with a floor-mounted control panel. (Design C)

Hydro MPC-E BoosterpaQ with CRE 20 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 20-1	3	4" ANSI	35.2	44.2	6.3	57.9	32.8	51.6	N/A	30x24x9	456	553	A
	CRE 20-2	5					57.9	32.8	51.6	N/A	30x24x9	528	625	A
	CRE 20-3	7.5					57.9	35.4	51.6	N/A	30x24x9	558	654	A
	CRE 20-4	10					57.9	37.1	51.6	N/A	30x24x9	580	677	A
	CRE 20-5	15					57.9	46.9	29.3	24.8	30x24x9	922	1018	B
	CRE 20-6	15					57.9	48.7	29.3	24.8	30x24x9	931	1027	B
3	CRE 20-1	3	4" ANSI	35.2	44.2	6.3	57.9	32.8	64.2	N/A	30x24x9	666	774	A
	CRE 20-2	5					57.9	32.8	64.2	N/A	30x24x9	774	882	A
	CRE 20-3	7.5					57.9	35.4	64.2	N/A	30x24x9	818	926	A
	CRE 20-4	10					57.9	37.1	64.2	N/A	30x24x9	852	961	A
	CRE 20-5	15					57.9	46.9	41.9	32.7	40x32x12	1365	1528	B
	CRE 20-6	15					57.9	48.7	41.9	32.7	40x32x12	1378	1541	B
4	CRE 20-1	3	6" ANSI	35.3	46.3	6.3	57.9	32.8	76.8	N/A	30x24x9	903	1023	A
	CRE 20-2	5					57.9	32.8	76.8	N/A	30x24x9	1047	1167	A
	CRE 20-3	7.5					57.9	35.4	76.8	N/A	30x24x9	1105	1226	A
	CRE 20-4	10					57.9	37.1	76.8	N/A	30x24x9	1151	1271	A
	CRE 20-5	15					57.9	46.9	54.5	32.7	40x32x12	1834	2010	B
	CRE 20-6	15					57.9	48.7	54.5	32.7	40x32x12	1852	2027	B
5	CRE 20-1	3	6" ANSI	35.3	46.3	6.3	57.9	32.8	67.1	32.7	40x32x12	1162	1350	B
	CRE 20-2	5					57.9	32.8	67.1	32.7	40x32x12	1342	1530	B
	CRE 20-3	7.5					57.9	35.4	67.1	32.7	40x32x12	1415	1603	B
	CRE 20-4	10					57.9	37.1	67.1	32.7	40x32x12	1472	1660	B
	CRE 20-5	15					57.9	46.9	67.1	TBD	Contact Factory	2326	TBD	B
	CRE 20-6	15					57.9	48.7	67.1	TBD	Contact Factory	2348	TBD	B
6	CRE 20-1	3	6" ANSI	35.3	46.3	6.3	57.9	32.8	79.7	32.7	40x32x12	1394	1594	B
	CRE 20-2	5					57.9	32.8	79.7	32.7	40x32x12	1610	1810	B
	CRE 20-3	7.5					57.9	35.4	79.7	32.7	40x32x12	1697	1898	B
	CRE 20-4	10					57.9	37.1	79.7	32.7	40x32x12	1766	1966	B
	CRE 20-5	15					57.9	46.9	79.7	TBD	Contact Factory	2791	TBD	B
	CRE 20-6	15					57.9	48.7	79.7	TBD	Contact Factory	2817	TBD	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 20 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 20-1	3	4" ANSI	35.2	44.2	6.3	60.0	33.2	29.3	36.0	48x36x16	410	656	C
	CR 20-2	5					60.0	35.5	29.3	36.0	48x36x16	440	686	C
	CR 20-3	7.5					75.0	37.6	29.3	48.0	63x48x20	556	973	C
	CR 20-4	10					60.0	39.3	29.3	36.0	48x36x16	564	820	C
	CR 20-5	15					60.0	44.7	29.3	36.0	48x36x16	636	947	C
	CR 20-6	15					60.0	46.5	29.3	36.0	48x36x16	645	955	C
3	CR 20-1	3	4" ANSI	35.2	44.2	6.3	75.0	33.2	41.9	48.0	63x48x20	597	1025	C
	CR 20-2	5					75.0	35.5	41.9	48.0	63x48x20	642	1070	C
	CR 20-3	7.5					75.0	37.6	41.9	48.0	63x48x20	815	1258	C
	CR 20-4	10					75.0	39.3	41.9	48.0	63x48x20	828	1271	C
	CR 20-5	15					75.0	44.7	41.9	48.0	63x48x20	936	1461	C
	CR 20-6	15					75.0	46.5	41.9	48.0	63x48x20	949	1474	C
4	CR 20-1	3	6" ANSI	35.3	46.3	6.3	75.0	33.2	54.5	48.0	63x48x20	811	1259	C
	CR 20-2	5					75.0	35.5	54.5	48.0	63x48x20	871	1319	C
	CR 20-3	7.5					75.0	37.6	54.5	48.0	63x48x20	1101	1569	C
	CR 20-4	10					75.0	39.3	54.5	48.0	63x48x20	1119	1587	C
	CR 20-5	15					75.0	44.7	54.5	48.0	63x48x20	1262	1840	C
	CR 20-6	15					75.0	46.5	54.5	48.0	63x48x20	1280	1858	C
5	CR 20-1	3	6" ANSI	35.3	46.3	6.3	75.0	33.2	67.1	63.0	63x63x20	1047	1645	C
	CR 20-2	5					75.0	35.5	67.1	63.0	63x63x20	1122	1720	C
	CR 20-3	7.5					83.0	37.6	67.1	71.0	71x71x20	1410	2113	C
	CR 20-4	10					83.0	39.3	67.1	71.0	71x71x20	1432	2135	C
	CR 20-5	15					75.0	44.7	67.1	63.0	63x63x20	1611	2371	C
	CR 20-6	15					75.0	46.5	67.1	63.0	63x63x20	1633	2393	C
6	CR 20-1	3	6" ANSI	35.3	46.3	6.3	83.0	33.2	79.7	71.0	71x71x20	1256	1954	C
	CR 20-2	5					83.0	35.5	79.7	71.0	71x71x20	1346	2044	C
	CR 20-3	7.5					83.0	37.6	79.7	71.0	71x71x20	1691	2420	C
	CR 20-4	10					91.0	39.3	79.7	93.0	79x93x24	1718	2558	C
	CR 20-5	15					83.0	44.7	79.7	71.0	71x71x20	1933	2826	C
	CR 20-6	15					83.0	46.5	79.7	71.0	71x71x20	1959	2853	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 20 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 20-1	3	4" ANSI	35.2	44.2	6.3	57.9	33.2	29.3	32.7	40x32x12	410	573	B
	CR 20-2	5					57.9	35.5	29.3	32.7	40x32x12	440	603	B
	CR 20-3	7.5					57.9	37.6	29.3	32.7	40x32x12	556	724	B
	CR 20-4	10					57.9	39.3	29.3	32.7	40x32x12	564	733	B
	CR 20-5	15					60.0	44.7	29.3	36.0	48x36x16	636	910	C
	CR 20-6	15					60.0	46.5	29.3	36.0	48x36x16	645	919	C
3	CR 20-1	3	4" ANSI	35.2	44.2	6.3	57.9	33.2	41.9	32.7	40x32x12	597	773	B
	CR 20-2	5					57.9	35.5	41.9	32.7	40x32x12	642	818	B
	CR 20-3	7.5					57.9	37.6	41.9	32.7	40x32x12	815	998	B
	CR 20-4	10					57.9	39.3	41.9	32.7	40x32x12	828	1011	B
	CR 20-5	15					60.0	44.7	41.9	36.0	48x36x16	936	1224	C
	CR 20-6	15					60.0	46.5	41.9	36.0	48x36x16	949	1237	C
4	CR 20-1	3	6" ANSI	35.3	46.3	6.3	57.9	33.2	54.5	32.7	47x32x12	811	1028	B
	CR 20-2	5					57.9	35.5	54.5	32.7	47x32x12	871	1088	B
	CR 20-3	7.5					57.9	37.6	54.5	32.7	47x32x12	1101	1326	B
	CR 20-4	10					57.9	39.3	54.5	32.7	47x32x12	1119	1344	B
	CR 20-5	15					75.0	44.7	54.5	47.0	63x47x20	1262	1726	C
	CR 20-6	15					75.0	46.5	54.5	47.0	63x47x20	1280	1744	C
5	CR 20-1	3	6" ANSI	35.3	46.3	6.3	57.9	33.2	67.1	32.7	47x32x12	1047	1278	B
	CR 20-2	5					57.9	35.5	67.1	32.7	47x32x12	1122	1353	B
	CR 20-3	7.5					83.0	37.6	67.1	39.0	71x39x16	1410	1796	C
	CR 20-4	10					83.0	39.3	67.1	39.0	71x39x16	1432	1818	C
	CR 20-5	15					75.0	44.7	67.1	47.0	63x47x20	1611	2090	C
	CR 20-6	15					75.0	46.5	67.1	47.0	63x47x20	1633	2112	C
6	CR 20-1	3	6" ANSI	35.3	46.3	6.3	83.0	33.2	79.7	39.0	71x39x16	1256	1647	C
	CR 20-2	5					83.0	35.5	79.7	39.0	71x39x16	1346	1737	C
	CR 20-3	7.5					83.0	37.6	79.7	39.0	71x39x16	1691	2092	C
	CR 20-4	10					83.0	39.3	79.7	39.0	71x39x16	1718	2118	C
	CR 20-5	15					75.0	44.7	79.7	47.0	63x47x20	1933	2426	C
	CR 20-6	15					75.0	46.5	79.7	47.0	63x47x20	1959	2452	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-S BoosterpaQ with CR 20 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 20-1	3	4" ANSI	35.2	44.2	6.3	57.9	33.2	51.6	N/A	24x24x8	410	487	A
	CR 20-2	5					57.9	35.5	51.6	N/A	24x24x8	440	517	A
	CR 20-3	7.5					57.9	37.6	51.6	N/A	24x24x8	556	633	A
	CR 20-4	10					57.9	39.3	51.6	N/A	40x32x12	564	718	A
	CR 20-5	15					57.9	44.7	51.6	N/A	24x24x8	636	713	A
	CR 20-6	15					57.9	46.5	51.6	N/A	24x24x8	645	722	A
3	CR 20-1	3	4" ANSI	35.2	44.2	6.3	57.9	33.2	64.2	N/A	24x24x8	597	687	A
	CR 20-2	5					57.9	35.5	64.2	N/A	24x24x8	642	732	A
	CR 20-3	7.5					57.9	37.6	64.2	N/A	40x32x12	815	981	A
	CR 20-4	10					57.9	39.3	64.2	N/A	40x32x12	828	995	A
	CR 20-5	15					57.9	44.7	64.2	N/A	40x32x12	936	1102	A
	CR 20-6	15					57.9	46.5	64.2	N/A	40x32x12	949	1115	A
4	CR 20-1	3	6" ANSI	35.3	46.3	6.3	57.9	33.2	76.8	N/A	40x32x12	811	989	A
	CR 20-2	5					57.9	35.5	76.8	N/A	40x32x12	871	1049	A
	CR 20-3	7.5					57.9	37.6	76.8	N/A	40x32x12	1101	1281	A
	CR 20-4	10					57.9	39.3	76.8	N/A	40x32x12	1119	1298	A
	CR 20-5	15					57.9	44.7	76.8	N/A	40x32x12	1262	1442	A
	CR 20-6	15					57.9	46.5	76.8	N/A	40x32x12	1280	1459	A
5	CR 20-1	3	6" ANSI	35.3	46.3	6.3	57.9	33.2	67.1	32.7	47x32x12	1047	1266	B
	CR 20-2	5					57.9	35.5	67.1	32.7	47x32x12	1122	1341	B
	CR 20-3	7.5					57.9	37.6	67.1	32.7	47x32x12	1410	1631	B
	CR 20-4	10					57.9	39.3	67.1	32.7	47x32x12	1432	1653	B
	CR 20-5	15					57.9	44.7	67.1	32.7	47x32x12	1611	1832	B
	CR 20-6	15					57.9	46.5	67.1	32.7	47x32x12	1633	1854	B
6	CR 20-1	3	6" ANSI	35.3	46.3	6.3	57.9	33.2	79.7	32.7	47x32x12	1256	1488	B
	CR 20-2	5					57.9	35.5	79.7	32.7	47x32x12	1346	1578	B
	CR 20-3	7.5					57.9	37.6	79.7	32.7	47x32x12	1691	1926	B
	CR 20-4	10					57.9	39.3	79.7	32.7	47x32x12	1718	1952	B
	CR 20-5	15					57.9	44.7	79.7	32.7	47x32x12	1933	2167	B
	CR 20-6	15					57.9	46.5	79.7	32.7	47x32x12	1959	2194	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.