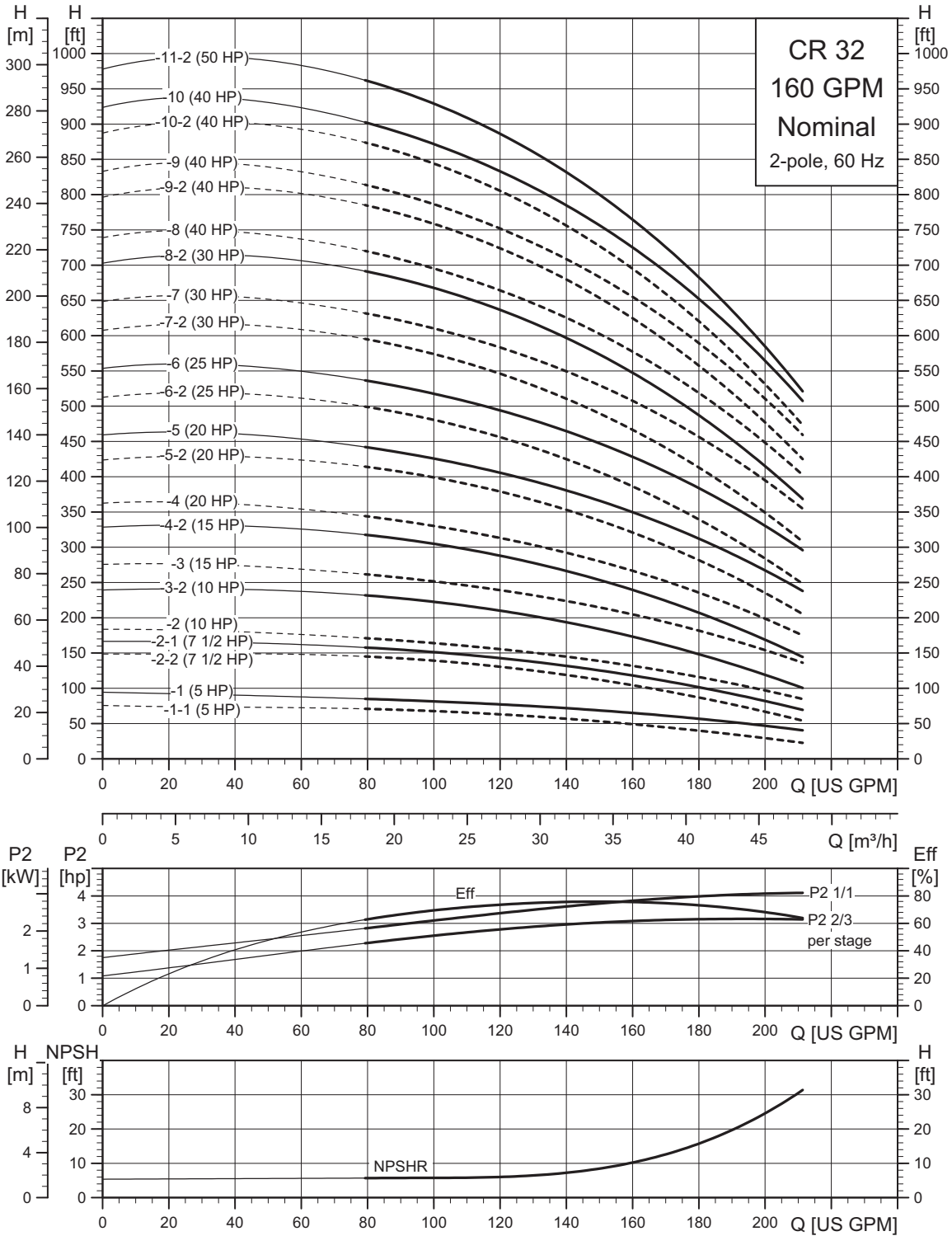


# Performance curves

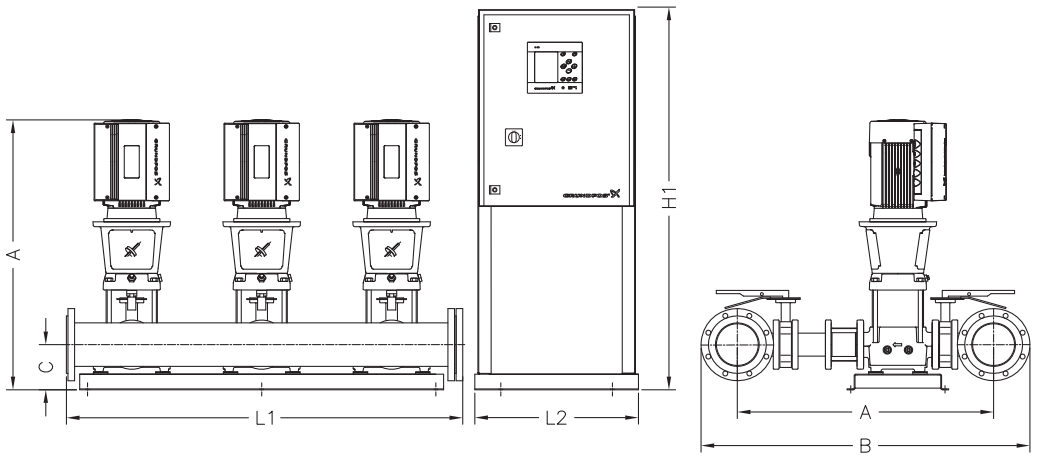
## CR 32



TM05 1571 3211

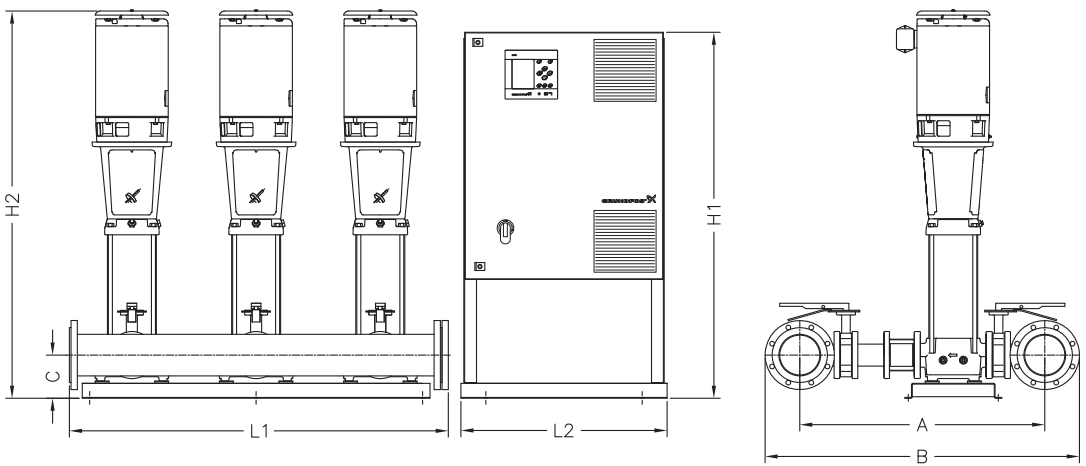
Pump curves shown with solid bold line represent standard BoosterpaQ pump offerings. Pump curves shown with dashed line represent non-standard BoosterpaQ pump offerings, which are available upon request.

Hydro MPC BoosterpaQ with CR(E) 32 pumps



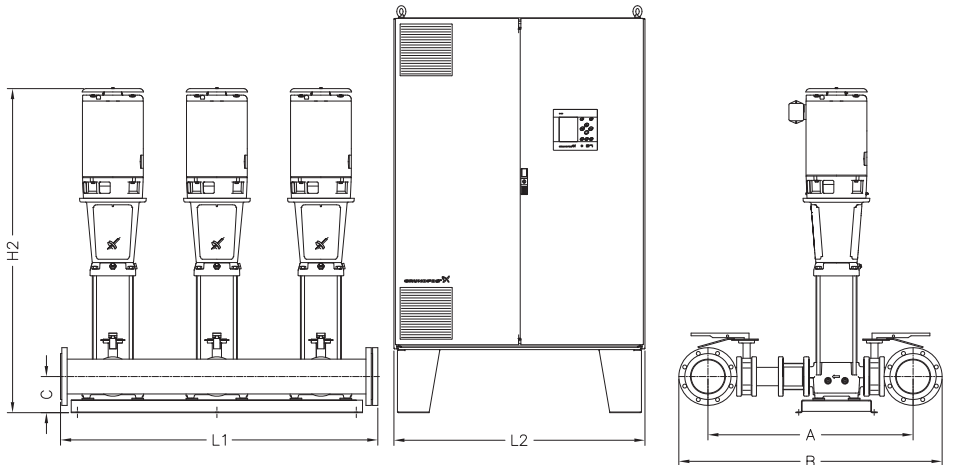
TM05 5885 4112

Fig. 50 Drawing of a Hydro MPC booster set with integrated VFD/motors and control panel and pumps on separate base plates. (Design A)



TM05 5887 4112

Fig. 51 Drawing of a Hydro MPC booster set with control panel and pumps on separate base plates. (Design B)



TM05 5886 4112

Fig. 52 Drawing of a Hydro MPC booster set with a floor-mounted control panel. (Design C)

Hydro MPC-E BoosterpaQ with CRE 32 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 32-1	5	4" ANSI	38.8	47.8	6.9	57.9	38.2	40.3	24.8	30x24x9	659	755	B
	CRE 32-2-1	7.5					57.9	40.9	40.3	24.8	30x24x9	687	784	B
	CRE 32-3-2	10					57.9	43.1	40.3	24.8	30x24x9	716	812	B
	CRE 32-4-2	15					57.9	54.0	40.3	24.8	30x24x9	1085	1181	B
	CRE 32-5	20					57.9	56.8	40.3	24.8	30x24x9	1107	1205	B
	CRE 32-6-2	25					57.9	59.5	40.3	32.7	40x32x12	1178	1331	B
3	CRE 32-1	5	6" ANSI	38.8	49.8	6.9	57.9	38.2	60.1	24.8	30x24x9	974	1082	B
	CRE 32-2-1	7.5					57.9	40.9	60.1	24.8	30x24x9	1016	1125	B
	CRE 32-3-2	10					57.9	43.1	60.1	24.8	30x24x9	1058	1167	B
	CRE 32-4-2	15					57.9	54.0	60.1	32.7	40x32x12	1613	1776	B
	CRE 32-5	20					57.9	56.8	60.1	32.7	40x32x12	1645	1812	B
	CRE 32-6-2	25					57.9	59.5	60.1	32.7	40x32x12	1752	1919	B
4	CRE 32-1	5	6" ANSI	38.8	49.8	6.9	57.9	38.2	79.7	24.8	30x24x9	1328	1449	B
	CRE 32-2-1	7.5					57.9	40.9	79.7	24.8	30x24x9	1385	1505	B
	CRE 32-3-2	10					57.9	43.1	79.7	24.8	30x24x9	1441	1562	B
	CRE 32-4-2	15					57.9	54.0	79.7	32.7	40x32x12	2180	2356	B
	CRE 32-5	20					57.9	56.8	79.7	32.7	40x32x12	2223	2404	B
	CRE 32-6-2	25					57.9	59.5	79.7	32.7	40x32x12	2366	2546	B
5	CRE 32-1	5	8" ANSI	40.4	53.9	8.5	57.9	39.7	99.6	24.8	30x24x9	1692	1824	B
	CRE 32-2-1	7.5					57.9	42.5	99.6	24.8	40x32x12	1763	1950	B
	CRE 32-3-2	10					57.9	44.7	99.6	24.8	40x32x12	1833	2020	B
	CRE 32-4-2	15					57.9	55.6	99.6	TBD	Contact Factory	2756	TBD	B
	CRE 32-5	20					57.9	58.4	99.6	TBD	Contact Factory	2811	TBD	B
	CRE 32-6-2	25					57.9	61.1	99.6	TBD	Contact Factory	2989	TBD	B
6	CRE 32-1	5	8" ANSI	40.4	53.9	8.5	57.9	39.7	119.2	24.8	40x32x12	1982	2182	B
	CRE 32-2-1	7.5					57.9	42.5	119.2	24.8	40x32x12	2067	2267	B
	CRE 32-3-2	10					57.9	44.7	119.2	24.8	40x32x12	2151	2351	B
	CRE 32-4-2	15					57.9	55.6	119.2	TBD	Contact Factory	3259	TBD	B
	CRE 32-5	20					57.9	58.4	119.2	TBD	Contact Factory	3324	TBD	B
	CRE 32-6-2	25					57.9	61.1	119.2	TBD	Contact Factory	3538	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 32 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 32-1	5	4" ANSI	38.8	47.8	6.9	60.0	38.2	40.3	36.0	48x36x16	571	817	C
	CR 32-2-1	7.5					75.0	40.9	40.3	48.0	63x48x20	685	1103	C
	CR 32-3-2	10					60.0	43.7	40.3	36.0	48x36x16	700	955	C
	CR 32-4-2	15					60.0	51.8	40.3	36.0	48x36x16	799	1110	C
	CR 32-5	20					60.0	54.6	40.3	36.0	48x36x16	941	1253	C
	CR 32-6-2	25					60.0	60.6	40.3	36.0	48x36x16	918	1231	C
3	CR 32-1	5	6" ANSI	38.8	49.8	6.9	75.0	38.2	60.1	48.0	63x48x20	842	1270	C
	CR 32-2-1	7.5					75.0	40.9	60.1	48.0	63x48x20	1013	1456	C
	CR 32-3-2	10					75.0	43.7	60.1	48.0	63x48x20	1034	1477	C
	CR 32-4-2	15					75.0	51.8	60.1	48.0	63x48x20	1184	1709	C
	CR 32-5	20					75.0	54.6	60.1	48.0	63x48x20	1396	1925	C
	CR 32-6-2	25					75.0	60.6	60.1	48.0	63x48x20	1362	1891	C
4	CR 32-1	5	6" ANSI	38.8	49.8	6.9	75.0	38.2	79.7	48.0	63x48x20	1152	1600	C
	CR 32-2-1	7.5					75.0	40.9	79.7	48.0	63x48x20	1381	1849	C
	CR 32-3-2	10					75.0	43.7	79.7	48.0	63x48x20	1409	1877	C
	CR 32-4-2	15					75.0	51.8	79.7	48.0	63x48x20	1608	2187	C
	CR 32-5	20					75.0	54.6	79.7	48.0	63x48x20	1891	2474	C
	CR 32-6-2	25					75.0	60.6	79.7	48.0	63x48x20	1846	2429	C
5	CR 32-1	5	8" ANSI	40.4	53.9	8.5	75.0	39.7	99.6	63.0	63x63x20	1472	2069	C
	CR 32-2-1	7.5					83.0	42.5	99.6	71.0	71x71x20	1758	2460	C
	CR 32-3-2	10					83.0	45.2	99.6	71.0	71x71x20	1793	2495	C
	CR 32-4-2	15					83.0	53.4	99.6	71.0	71x71x20	2041	2882	C
	CR 32-5	20					83.0	56.2	99.6	71.0	71x71x20	2396	3242	C
	CR 32-6-2	25					83.0	62.2	99.6	71.0	71x71x20	2339	3185	C
6	CR 32-1	5	8" ANSI	40.4	53.9	8.5	83.0	39.7	119.2	71.0	71x71x20	1718	2416	C
	CR 32-2-1	7.5					83.0	42.5	119.2	71.0	71x71x20	2061	2789	C
	CR 32-3-2	10					91.0	45.2	119.2	93.0	79x93x24	2103	2943	C
	CR 32-4-2	15					83.0	53.4	119.2	71.0	71x71x20	2401	3295	C
	CR 32-5	20					83.0	56.2	119.2	71.0	71x71x20	2826	3726	C
	CR 32-6-2	25					83.0	62.2	119.2	71.0	71x71x20	2758	3658	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 32 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 32-1	5	4" ANSI	38.8	47.8	6.9	57.9	38.2	40.3	32.7	40x32x12	571	733	B
	CR 32-2-1	7.5					57.9	40.9	40.3	32.7	40x32x12	685	854	B
	CR 32-3-2	10					57.9	43.7	40.3	32.7	40x32x12	700	868	B
	CR 32-4-2	15					60.0	51.8	40.3	36.0	48x36x16	799	1073	C
	CR 32-5	20					60.0	54.6	40.3	36.0	48x36x16	941	1222	C
	CR 32-6-2	25					60.0	60.6	40.3	36.0	48x36x16	918	1199	C
3	CR 32-1	5	6" ANSI	38.8	49.8	6.9	57.9	38.2	60.1	32.7	40x32x12	842	1018	B
	CR 32-2-1	7.5					57.9	40.9	60.1	32.7	40x32x12	1013	1196	B
	CR 32-3-2	10					57.9	43.7	60.1	32.7	40x32x12	1034	1217	B
	CR 32-4-2	15					60.0	51.8	60.1	36.0	48x36x16	1184	1472	C
	CR 32-5	20					60.0	54.6	60.1	36.0	48x36x16	1396	1695	C
	CR 32-6-2	25					60.0	60.6	60.1	36.0	48x36x16	1362	1661	C
4	CR 32-1	5	6" ANSI	38.8	49.8	6.9	57.9	38.2	79.7	32.7	47x32x12	1152	1370	B
	CR 32-2-1	7.5					57.9	40.9	79.7	32.7	47x32x12	1381	1606	B
	CR 32-3-2	10					57.9	43.7	79.7	32.7	47x32x12	1409	1634	B
	CR 32-4-2	15					60.0	51.8	79.7	36.0	48x36x16	1608	1911	C
	CR 32-5	20					75.0	54.6	79.7	47.0	63x47x20	1891	2370	C
	CR 32-6-2	25					75.0	60.6	79.7	47.0	63x47x20	1846	2325	C
5	CR 32-1	5	8" ANSI	40.4	53.9	8.5	57.9	39.7	99.6	32.7	47x32x12	1472	1703	B
	CR 32-2-1	7.5					83.0	42.5	99.6	39.0	71x39x16	1758	2143	C
	CR 32-3-2	10					83.0	45.2	99.6	39.0	71x39x16	1793	2179	C
	CR 32-4-2	15					75.0	53.4	99.6	47.0	63x47x20	2041	2520	C
	CR 32-5	20					75.0	56.2	99.6	47.0	63x47x20	2396	2892	C
	CR 32-6-2	25					75.0	62.2	99.6	63.0	63x63x20	2339	2964	C
6	CR 32-1	5	8" ANSI	40.4	53.9	8.5	83.0	39.7	119.2	39.0	71x39x16	1718	2109	C
	CR 32-2-1	7.5					83.0	42.5	119.2	39.0	71x39x16	2061	2461	C
	CR 32-3-2	10					83.0	45.2	119.2	39.0	71x39x16	2103	2503	C
	CR 32-4-2	15					75.0	53.4	119.2	63.0	63x63x20	2401	3024	C
	CR 32-5	20					75.0	56.2	119.2	63.0	63x63x20	2826	3470	C
	CR 32-6-2	25					75.0	62.2	119.2	63.0	63x63x20	2758	3402	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 32 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 32-1	5	4" ANSI	38.8	47.8	6.9	57.9	38.2	40.3	24.8	24x24x8	571	648	B
	CR 32-2-1	7.5					57.9	40.9	40.3	24.8	24x24x8	685	763	B
	CR 32-3-2	10					57.9	43.7	40.3	24.8	24x24x8	700	777	B
	CR 32-4-2	15					57.9	51.8	40.3	24.8	24x24x8	799	876	B
	CR 32-5	20					57.9	54.6	40.3	24.8	24x24x8	941	1023	B
	CR 32-6-2	25					57.9	60.6	40.3	24.8	24x24x8	918	1000	B
3	CR 32-1	5	6" ANSI	38.8	49.8	6.9	57.9	38.2	60.1	24.8	24x24x8	842	931	B
	CR 32-2-1	7.5					57.9	40.9	60.1	24.8	24x24x8	1013	1104	B
	CR 32-3-2	10					57.9	43.7	60.1	24.8	24x24x8	1034	1125	B
	CR 32-4-2	15					57.9	51.8	60.1	32.7	40x32x12	1184	1350	B
	CR 32-5	20					57.9	54.6	60.1	32.7	40x32x12	1396	1569	B
	CR 32-6-2	25					57.9	60.6	60.1	32.7	40x32x12	1362	1535	B
4	CR 32-1	5	6" ANSI	38.8	49.8	6.9	57.9	38.2	79.7	32.7	40x32x12	1152	1330	B
	CR 32-2-1	7.5					57.9	40.9	79.7	32.7	40x32x12	1381	1560	B
	CR 32-3-2	10					57.9	43.7	79.7	32.7	40x32x12	1409	1589	B
	CR 32-4-2	15					57.9	51.8	79.7	32.7	40x32x12	1608	1788	B
	CR 32-5	20					57.9	54.6	79.7	32.7	40x32x12	1891	2081	B
	CR 32-6-2	25					57.9	60.6	79.7	32.7	40x32x12	1846	2035	B
5	CR 32-1	5	8" ANSI	40.4	53.9	8.5	57.9	39.7	99.6	32.7	47x32x12	1472	1691	B
	CR 32-2-1	7.5					57.9	42.5	99.6	32.7	47x32x12	1758	1978	B
	CR 32-3-2	10					57.9	45.2	99.6	32.7	47x32x12	1793	2014	B
	CR 32-4-2	15					57.9	53.4	99.6	32.7	47x32x12	2041	2263	B
	CR 32-5	20					57.9	56.2	99.6	32.7	47x32x12	2396	2628	B
	CR 32-6-2	25					57.9	62.2	99.6	32.7	47x32x12	2339	2571	B
6	CR 32-1	5	8" ANSI	40.4	53.9	8.5	57.9	39.7	119.2	32.7	47x32x12	1718	1950	B
	CR 32-2-1	7.5					57.9	42.5	119.2	32.7	47x32x12	2061	2295	B
	CR 32-3-2	10					57.9	45.2	119.2	32.7	47x32x12	2103	2337	B
	CR 32-4-2	15					57.9	53.4	119.2	32.7	47x32x12	2401	2636	B
	CR 32-5	20					57.9	56.2	119.2	32.7	47x32x12	2826	3075	B
	CR 32-6-2	25					57.9	62.2	119.2	32.7	47x32x12	2758	3006	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.