

Booster sets

MARKET SECTORS

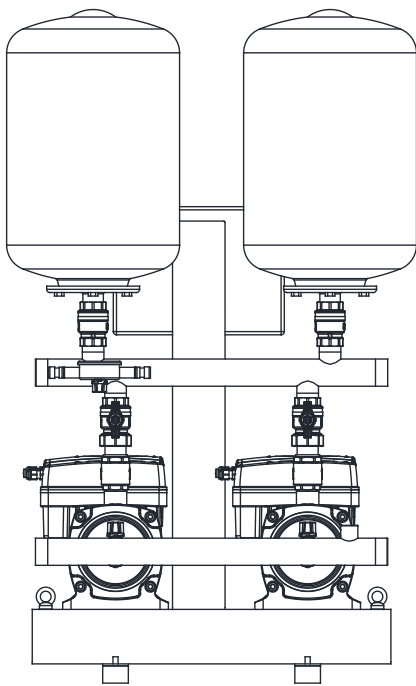
RESIDENTIAL, COMMERCIAL, INDUSTRIAL

SMB20 Series

APPLICATIONS

Water supply and pressure boosting in:

- apartments, villas, condominiums and residential buildings
- hotels, restaurants, spas
- various industrial applications

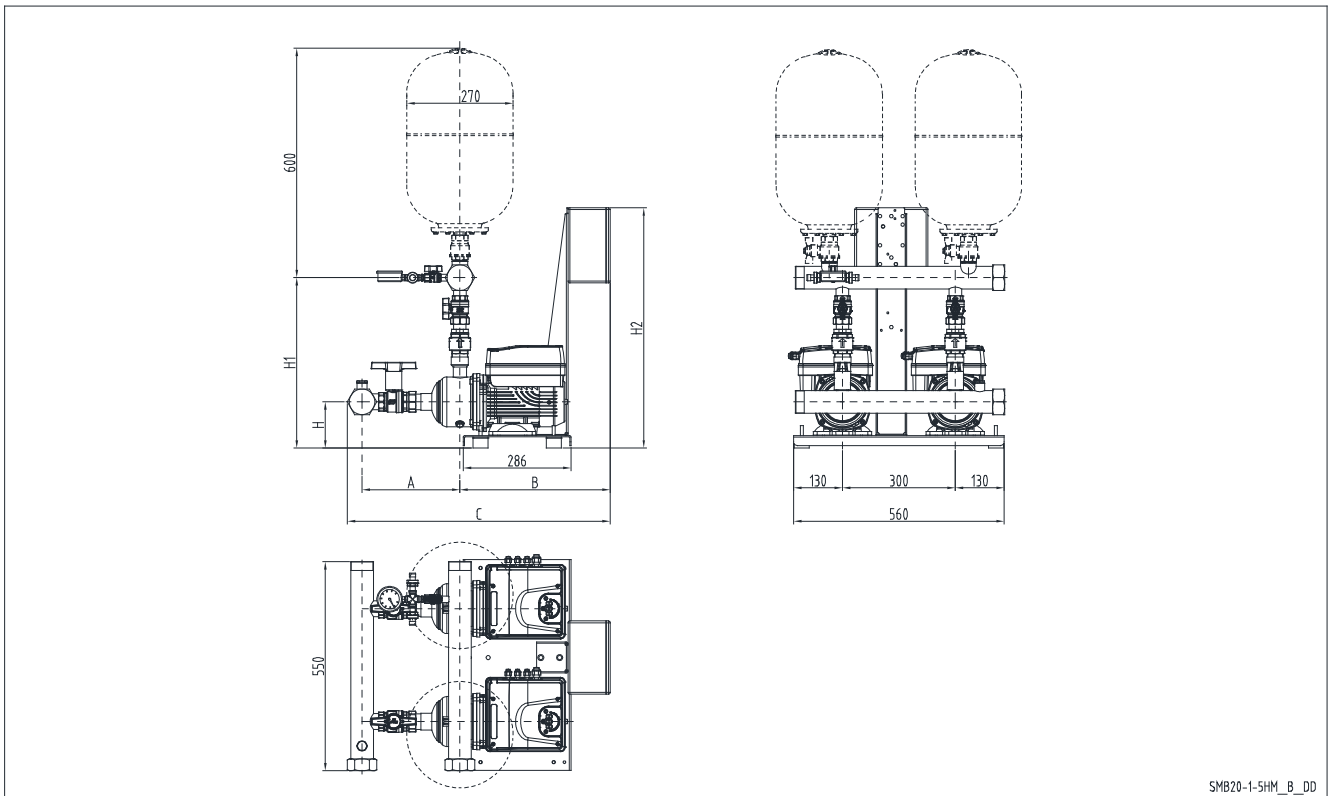


SPECIFICATIONS

- **e-SVE** vertical axis electric pump.
- **e-HME..S** horizontal axis electric pump.
- **Flow rate:** up to 60 m³/h.
- **Head:** up to 158 m.
- **Maximum operating pressure:** max 16 bar.
- **Electric panel supply voltage:**
Standard version:
- single-phase 1 x 230V ± 10% (SMB../M2).
- three-phase 3 x 400V ± 10% (SMB../T4).
Special version:
- three-phase 3 x 230V ± 10% (SMB../T3).
- **Frequency:** 50Hz.
- **Protection class IP55 for:**
- electrical control panel
- electrical pump motor
- e-SM drive frequency converter
- **Maximum electric pump power:** 2 x 2,2 kW.
- **Progressive motor start.**
- **Maximum pumped liquid temperature:**
- up to 80 °C for SMB../SVE
- up to 80 °C for SMB../HME..S

SMB series booster sets with e-SV Smart and e-HM Smart series pumps are certified for use with drinking water.

SET OF 2 PUMPS HME..S SERIES SINGLE-PHASE POWER SUPPLY (SMB20.../M2)

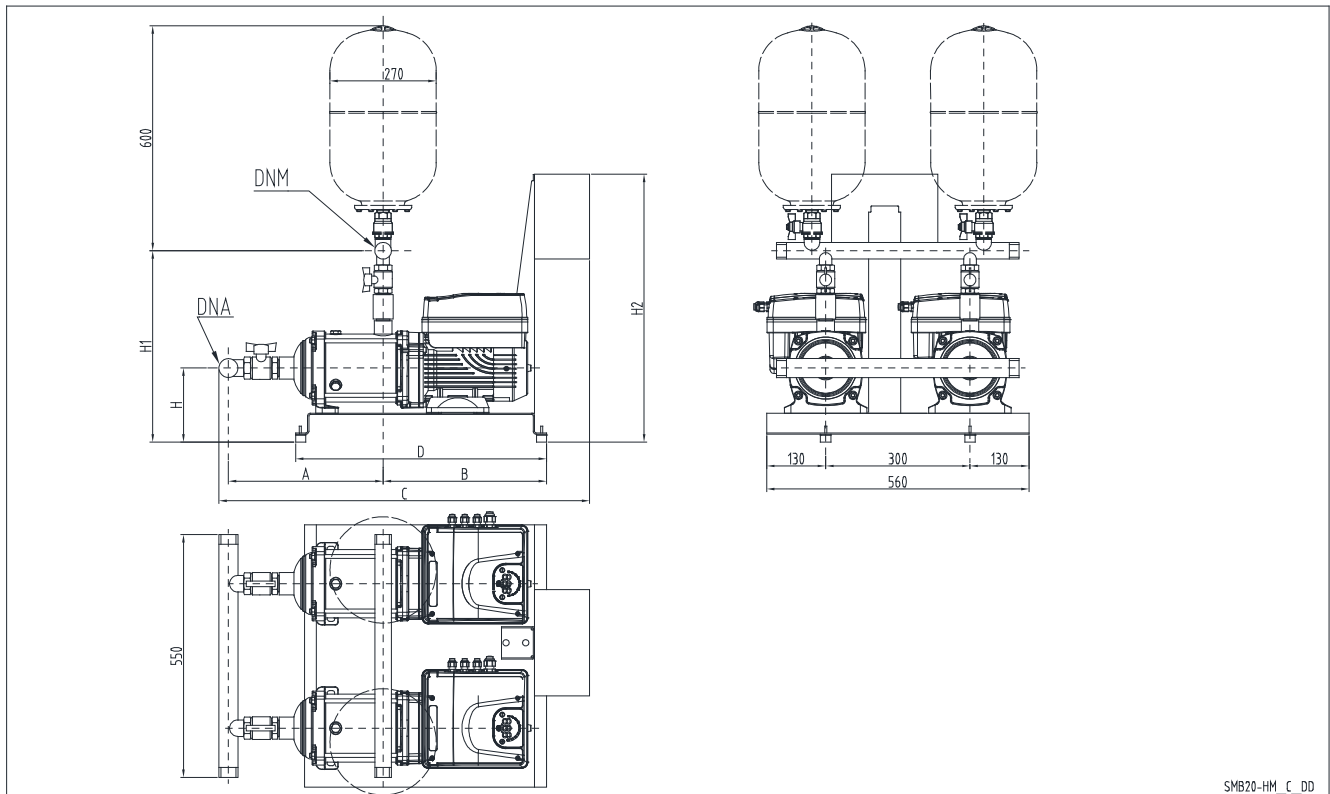


SMB 20	DNA	DNM	A		B	C		H	H1		H2
			STD	AISI		STD	AISI		STD	AISI	
1HME05	R 2"	R 2"	264	308	482	776	830	123	408	446	720
3HME03	R 2"	R 2"	224	268	482	736	790	123	408	446	720
3HME05	R 2"	R 2"	264	308	482	776	830	123	408	446	720
5HME02	R 2"	R 2"	260	320	482	772	842	123	453	527	720
5HME03	R 2"	R 2"	260	320	482	772	842	123	453	527	720
5HME04	R 2"	R 2"	285	345	482	797	867	123	453	527	720

Dimensions in mm. ± 10 mm tolerance range.

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SET OF 2 PUMPS HME...S SERIES SINGLE-PHASE POWER SUPPLY (SMB20.../M2)

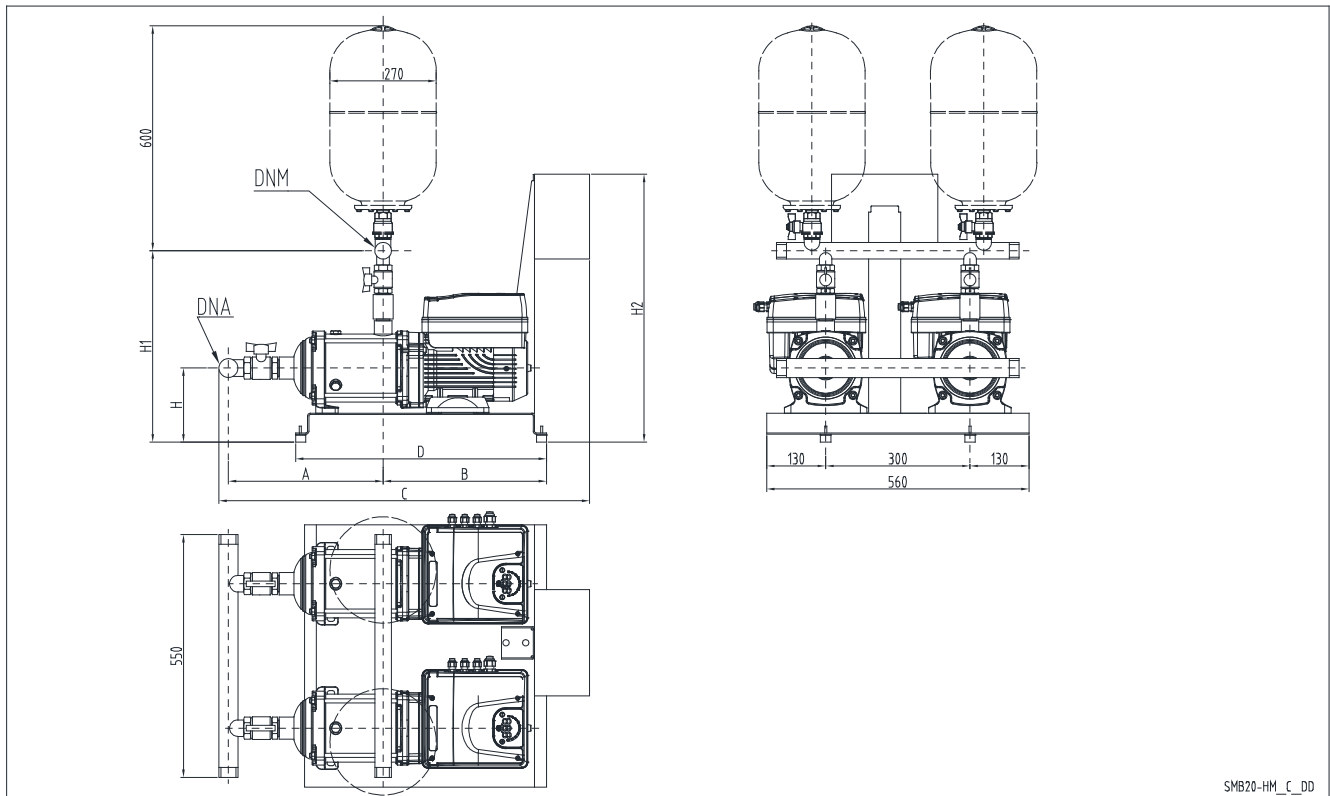


SMB 20	DNA	DNM	A		B	C		D	H	H1		H2
			STD	AISI		STD	AISI			STD	AISI	
1HME08	R 2"	R 2"	308	352	349	830	874	590	205	490	528	802
1HME11	R 2"	R 2"	368	412	349	890	934	590	205	490	528	802
1HME15	R 2"	R 2"	448	492	349	970	1014	762	205	490	528	802
1HME17	R 2"	R 2"	488	532	349	1010	1054	762	205	490	528	802
3HME07	R 2"	R 2"	288	332	349	810	854	590	205	490	528	802
3HME09	R 2"	R 2"	328	372	349	850	894	590	205	490	528	802
3HME12	R 2"	R 2"	388	432	349	910	954	590	205	490	528	802
5HME06	R 2"	R 2"	314	374	349	836	896	590	205	551	625	802
5HME08	R 2"	R 2"	364	424	349	886	946	590	205	551	625	802
10HME01	R 2"1/2	R 2"1/2	301	361	350	832	892	590	205	611	709	802
10HME02	R 2"1/2	R 2"1/2	301	361	350	832	892	590	205	611	709	802
10HME03	R 2"1/2	R 2"1/2	301	361	350	832	892	590	205	611	709	802

Dimensions in mm. ± 10 mm tolerance range.

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SET OF 2 PUMPS HME...S SERIES THREE-PHASE POWER SUPPLY (SMB20.../T3-T4)



SMB 20	DNA	DNM	A		B	C		D	H	H1		H2
			STD	AISI		STD	AISI			STD	AISI	
1HME08	R 2"	R 2"	308	352	349	785	829	590	205	490	528	770
1HME11	R 2"	R 2"	368	412	349	845	889	590	205	490	528	770
1HME15	R 2"	R 2"	448	492	349	925	969	762	205	490	528	770
1HME17	R 2"	R 2"	488	532	349	965	1009	762	205	490	528	770
3HME07	R 2"	R 2"	288	332	349	765	809	590	205	490	528	770
3HME09	R 2"	R 2"	328	372	349	805	849	590	205	490	528	770
3HME12	R 2"	R 2"	388	432	349	865	909	590	205	490	528	770
3HME14	R 2"	R 2"	428	472	349	905	949	590	205	490	528	770
5HME06	R 2"	R 2"	314	374	349	791	851	590	205	551	625	770
5HME08	R 2"	R 2"	364	424	349	841	901	590	205	551	625	770
5HME10	R 2"	R 2"	414	474	349	891	951	590	205	551	625	770
10HME01	R 2 1/2"	R 2 1/2"	301	361	350	787	847	590	205	611	709	770
10HME02	R 2 1/2"	R 2 1/2"	301	361	350	787	847	590	205	611	709	770
10HME03	R 2 1/2"	R 2 1/2"	301	361	350	787	847	590	205	611	709	770
10HME04	R 2 1/2"	R 2 1/2"	333	393	350	819	879	590	205	611	709	770

Dimensions in mm. ± 10 mm tolerance range.

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Booster sets

MARKET SECTORS

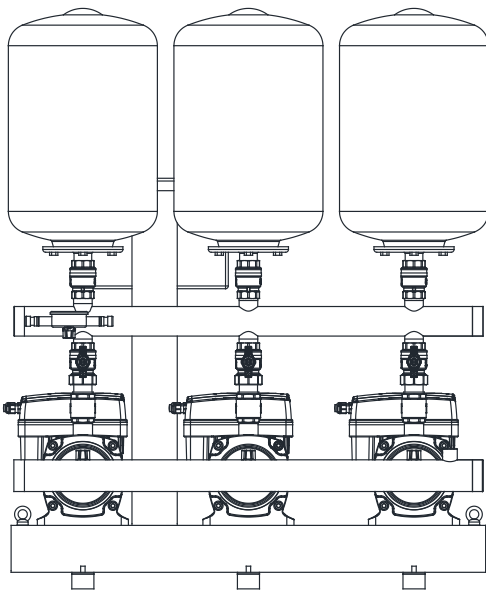
RESIDENTIAL, COMMERCIAL, INDUSTRIAL

SMB30 Series

APPLICATIONS

Water supply and pressure boosting in:

- apartments, villas, condominiums and residential buildings.
- hotels, restaurants, spas.
- various industrial applications.

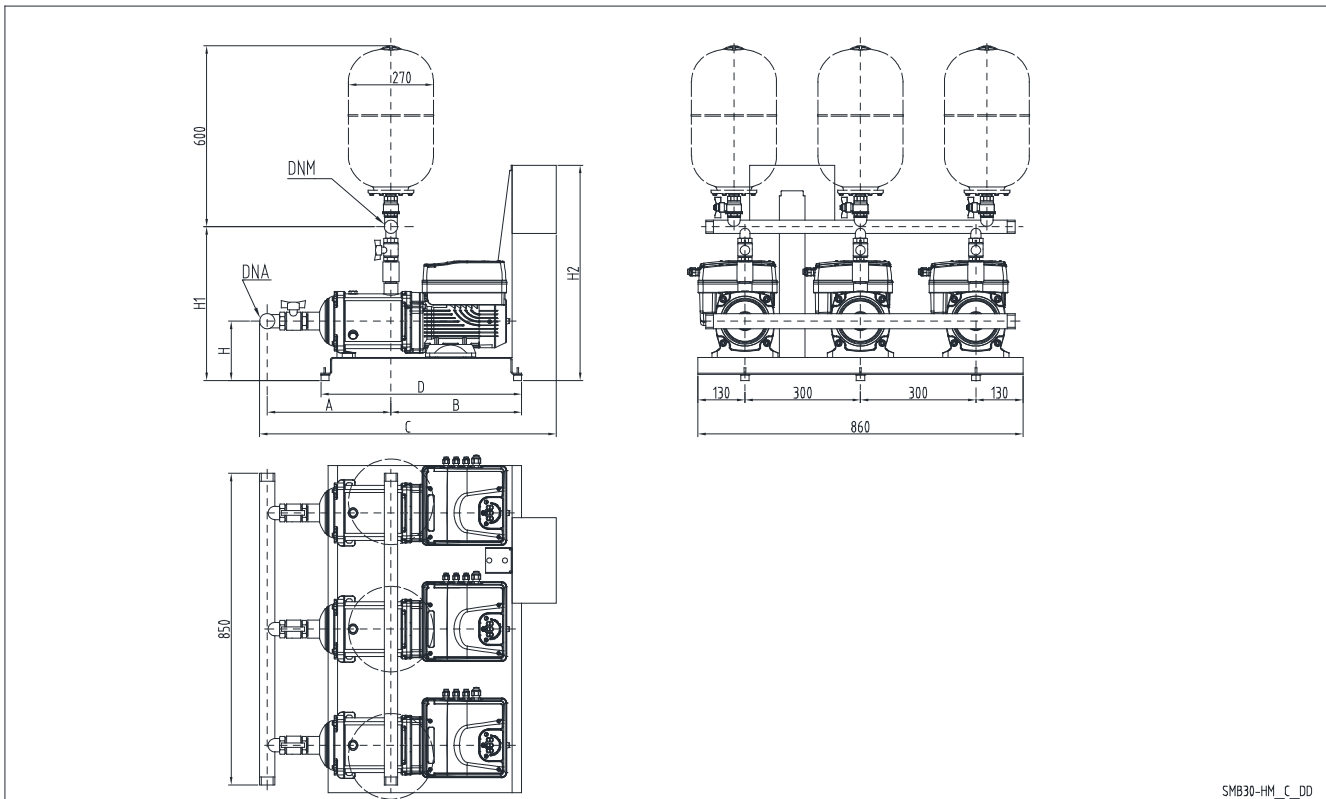


SPECIFICATIONS

- **e-SVE** vertical axis electric pump.
- **e-HME..S** horizontal axis electric pump.
- **Flow rate:** up to 90 m³/h.
- **Head:** up to 158 m.
- **Maximum operating pressure:** max 16 bar.
- **Electric panel supply voltage:**
Standard version:
- single-phase 1 x 230V ± 10% (SMB../M2).
- three-phase 3 x 400V ± 10% (SMB../T4).
Special version:
- three-phase 3 x 230V ± 10% (SMB../T3).
- **Frequency:** 50Hz.
- **Protection class IP55 for:**
- electrical control panel
- electrical pump motor
- e-SM drive frequency converter
- **Maximum electric pump power:** 3 x 2,2 kW.
- **Progressive motor start.**
- **Maximum pumped liquid temperature:**
- up to 80 °C for SMB../SVE
- up to 80 °C for SMB../HME..S

SMB series booster sets with e-SV Smart and e-HM Smart series pumps are certified for use with drinking water.

SET OF 3 PUMPS HME...S SERIES SINGLE-PHASE POWER SUPPLY (SMB30.../M2)

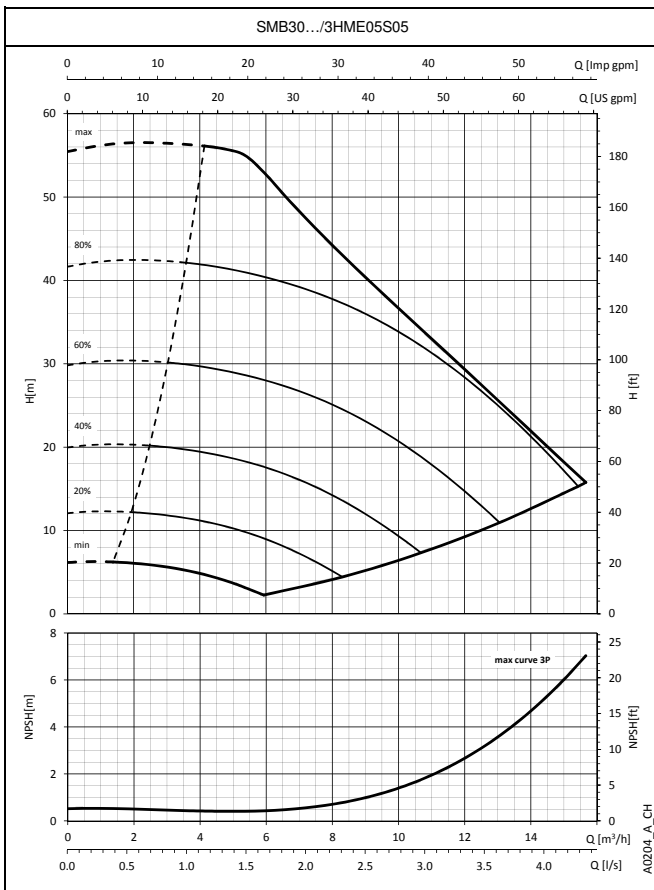
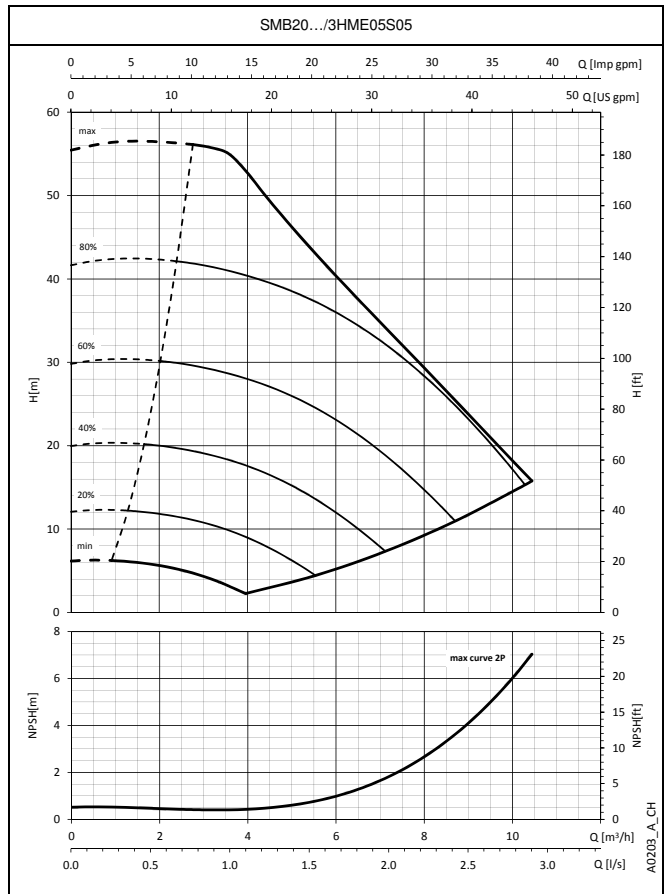
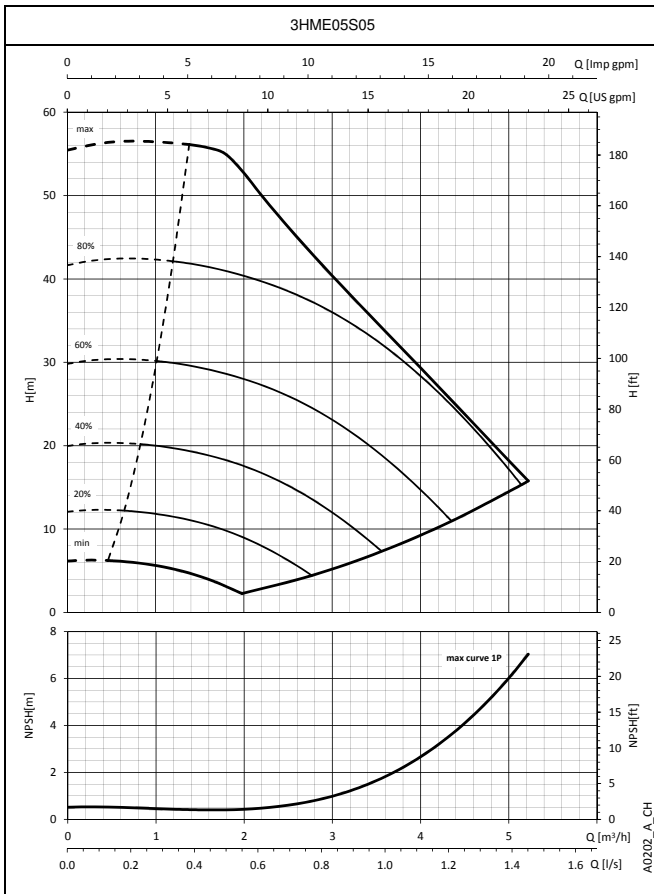


SMB 30	DNA	DNM	A		B	C		D	H	H1		H2
			STD	AISI		STD	AISI			STD	AISI	
1HME05	R 2"	R 2"	264	308	340	777	821	590	205	408	446	802
1HME08	R 2"	R 2"	308	352	349	830	874	590	205	490	528	802
1HME11	R 2"	R 2"	368	412	349	890	934	590	205	490	528	802
1HME15	R 2"	R 2"	448	492	349	970	1014	762	205	490	528	802
1HME17	R 2"	R 2"	488	532	349	1010	1054	762	205	490	528	802
3HME03	R 2"	R 2"	224	268	340	737	781	590	205	408	446	802
3HME05	R 2"	R 2"	264	308	340	777	821	590	205	408	446	802
3HME07	R 2"	R 2"	288	332	349	810	854	590	205	490	528	802
3HME09	R 2"	R 2"	328	372	349	850	894	590	205	490	528	802
3HME12	R 2"	R 2"	388	432	349	910	954	590	205	490	528	802
5HME02	R 2"	R 2"	260	320	340	773	833	590	205	469	543	802
5HME03	R 2"	R 2"	260	320	340	773	833	590	205	469	543	802
5HME04	R 2"	R 2"	285	345	340	798	858	590	205	469	543	802
5HME06	R 2"	R 2"	314	374	349	836	896	590	205	551	625	802
5HME08	R 2"	R 2"	364	424	349	886	946	590	205	551	625	802
10HME01	R 2"1/2	R 2"1/2	301	361	350	832	892	590	205	611	709	802
10HME02	R 2"1/2	R 2"1/2	301	361	350	832	892	590	205	611	709	802
10HME03	R 2"1/2	R 2"1/2	301	361	350	832	892	590	205	611	709	802

Dimensions in mm. ± 10 mm tolerance range.

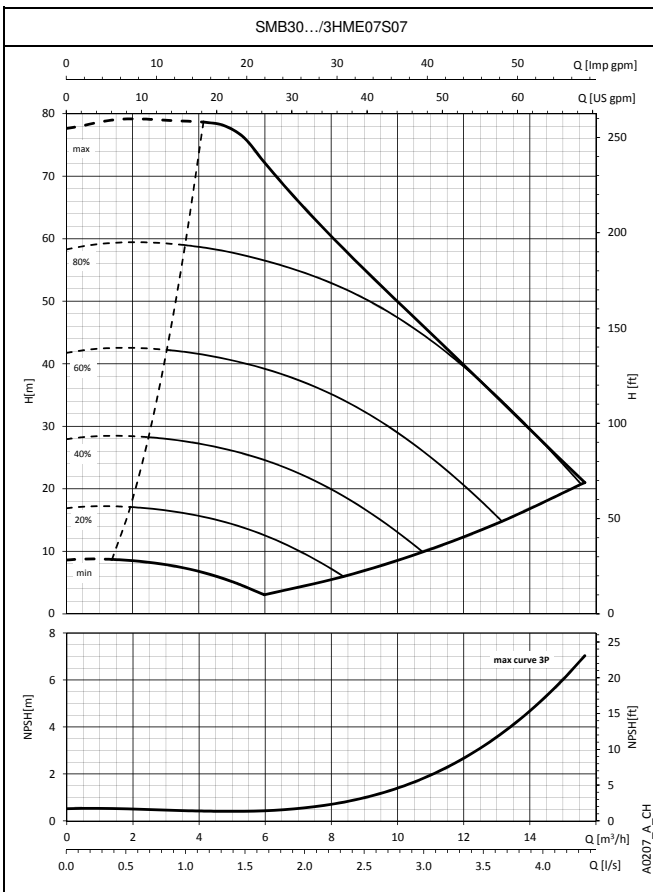
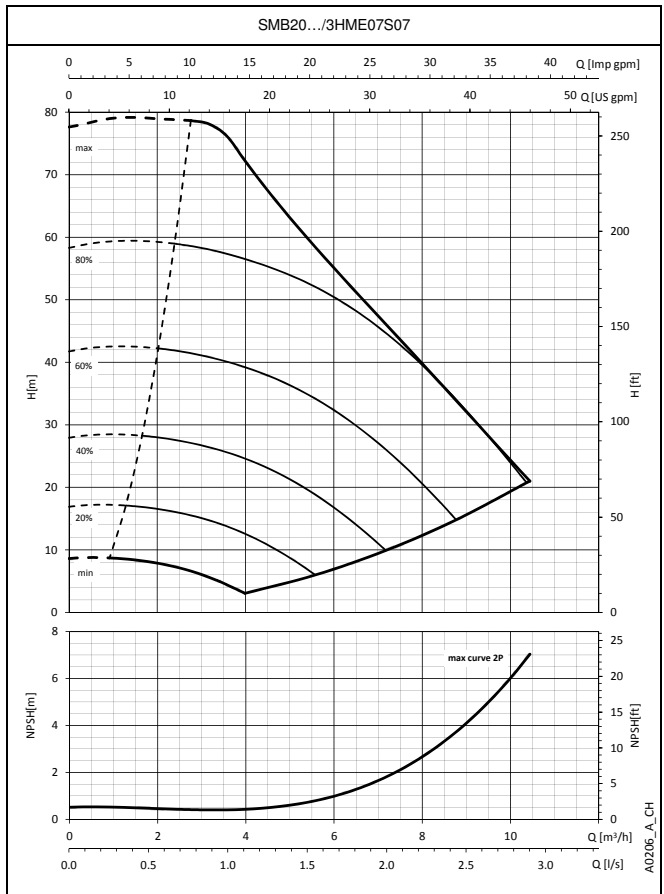
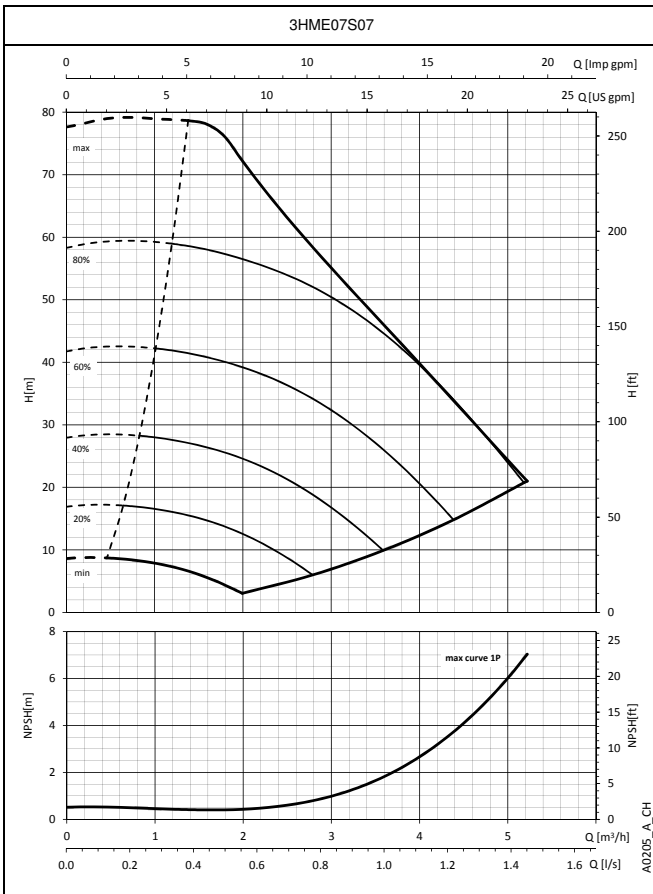
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**SMB.../HME BOOSTER SETS SERIES
OPERATING CHARACTERISTICS**



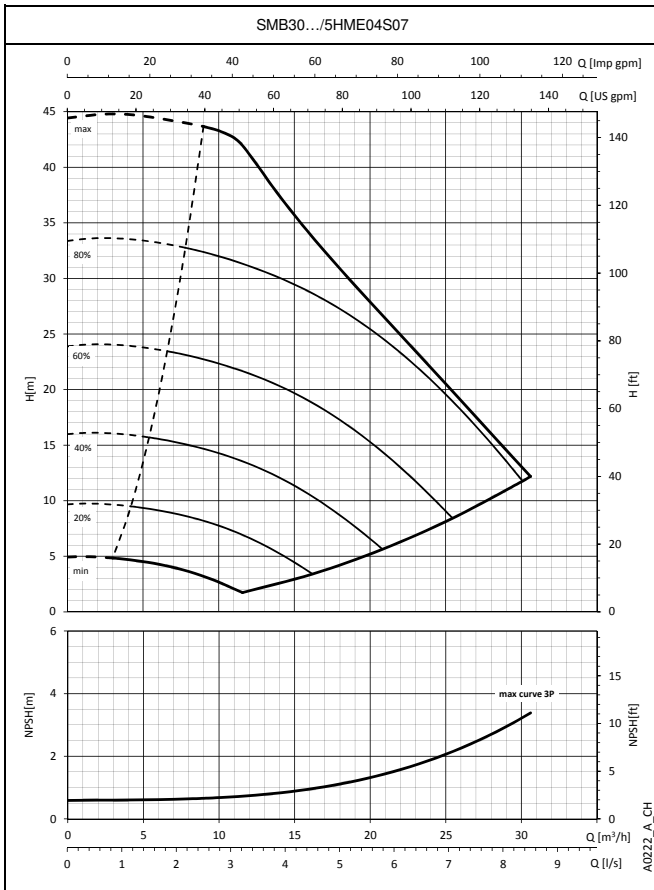
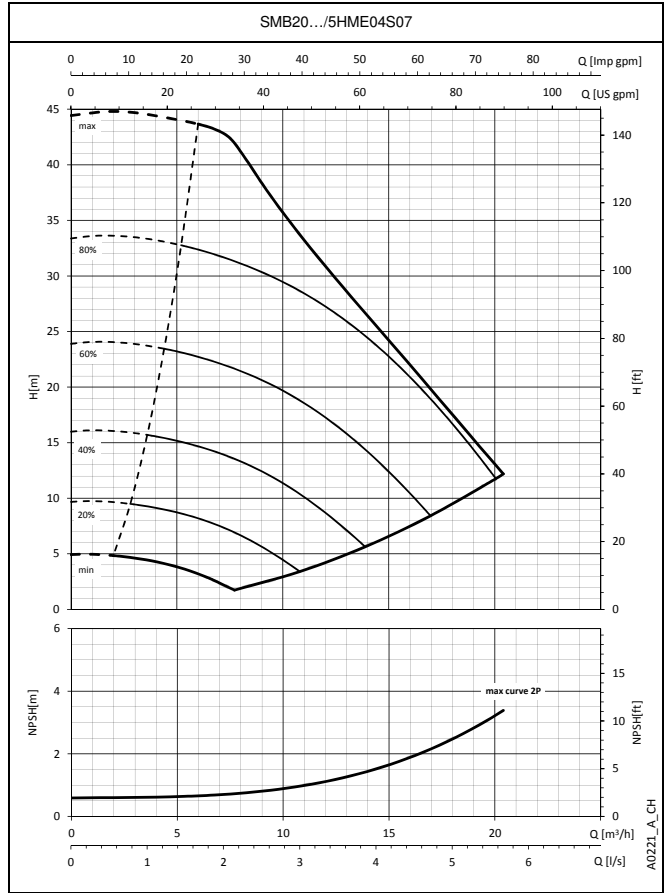
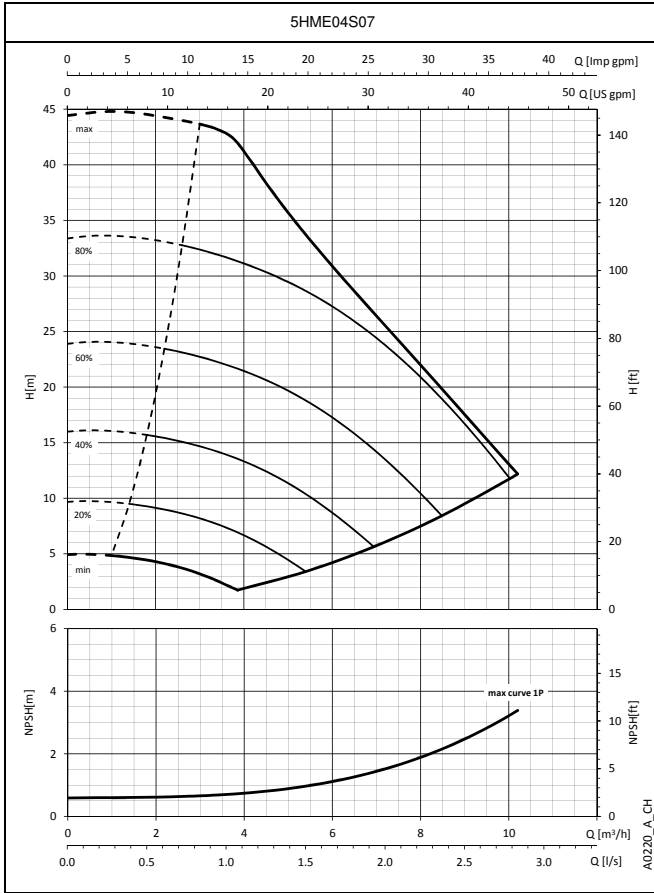
The performance curves do not take into account flow resistance in the valves and piping.
 The curves show the performance with one, two and three pumps running.
 These performances are valid for liquids with density $\rho = 1 \text{ Kg/dm}^3$ and kinematic viscosity $\nu = 1 \text{ mm}^2/\text{sec}$.
 The declared NPSH values are laboratory values; for practical use we recommend increasing these values by 0,5 m.

**SMB.../HME BOOSTER SETS SERIES
OPERATING CHARACTERISTICS**



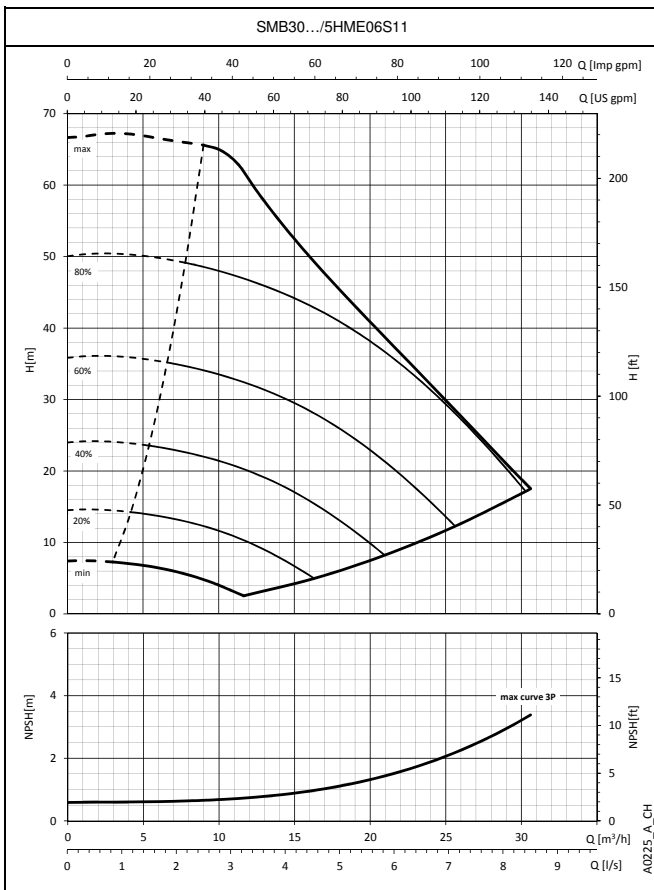
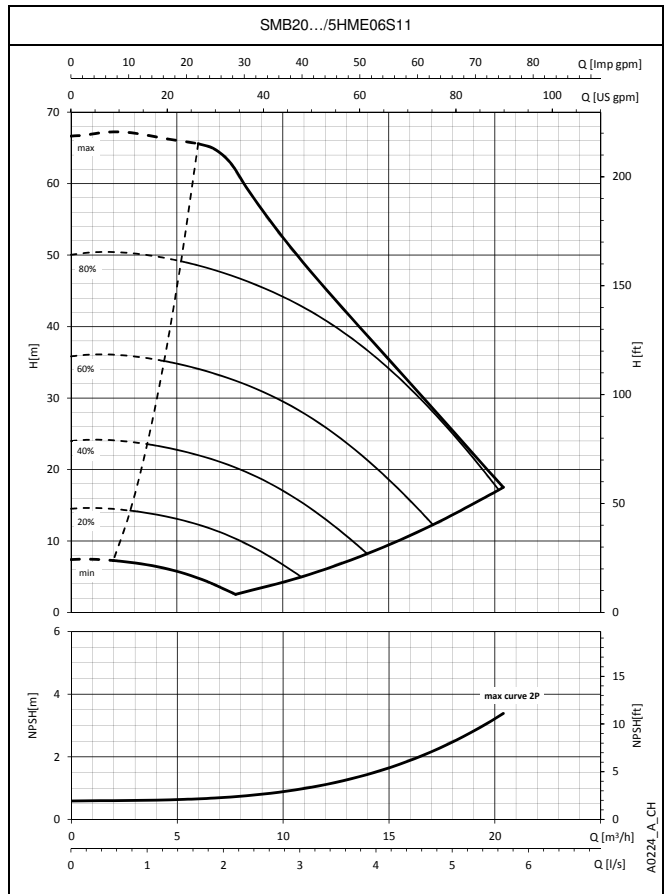
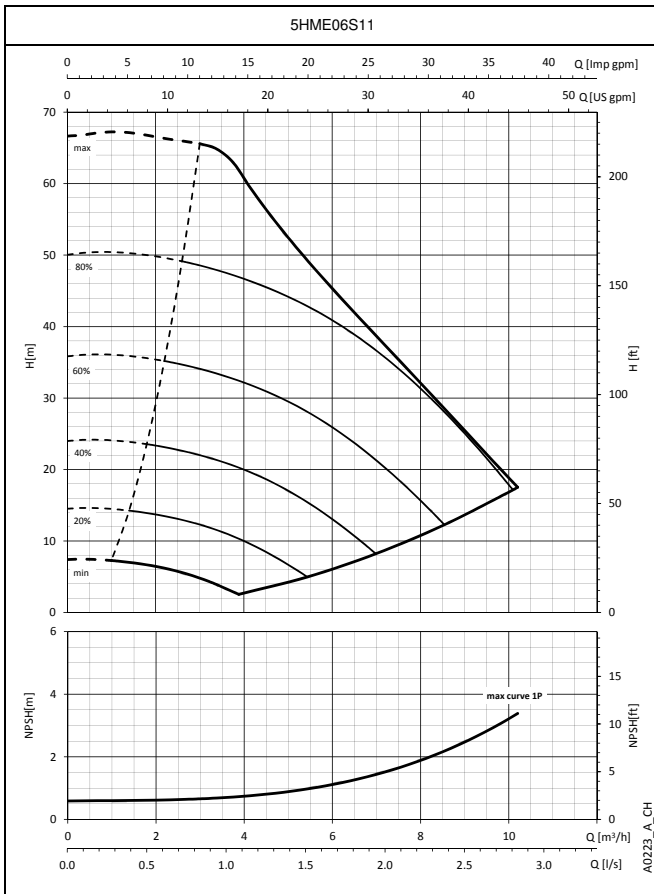
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SMB.../HME BOOSTER SETS SERIES OPERATING CHARACTERISTICS



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SMB.../HME BOOSTER SETS SERIES OPERATING CHARACTERISTICS



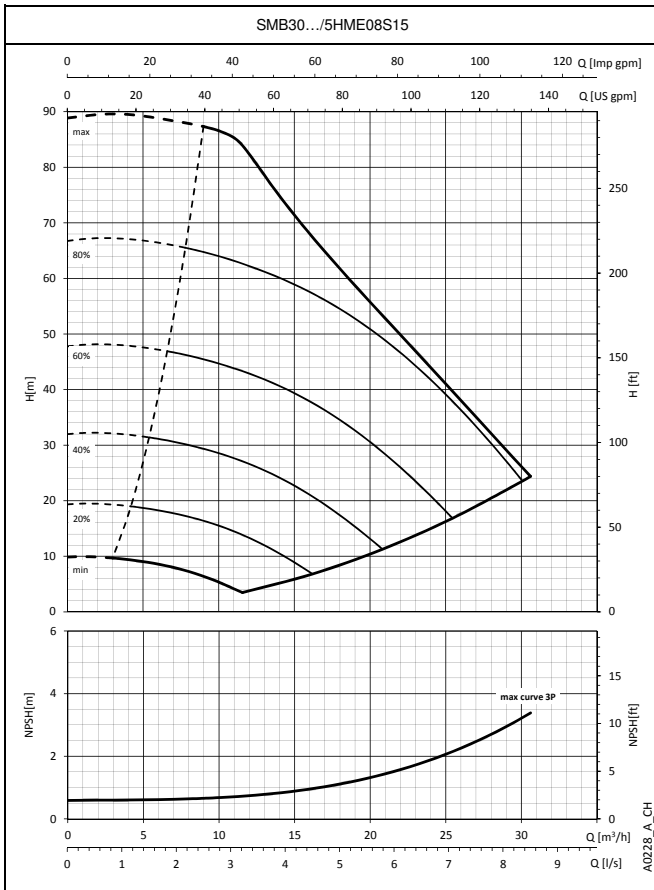
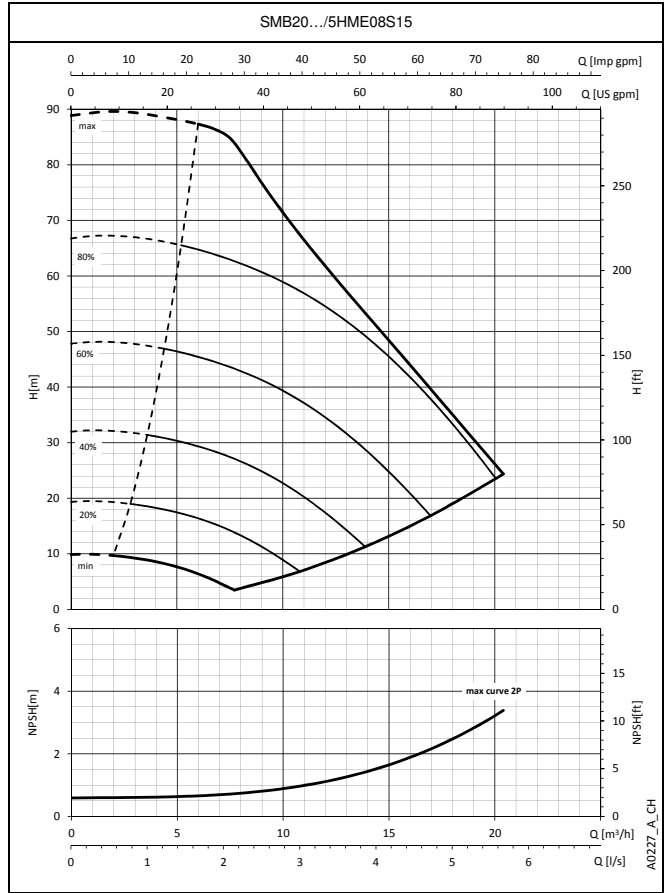
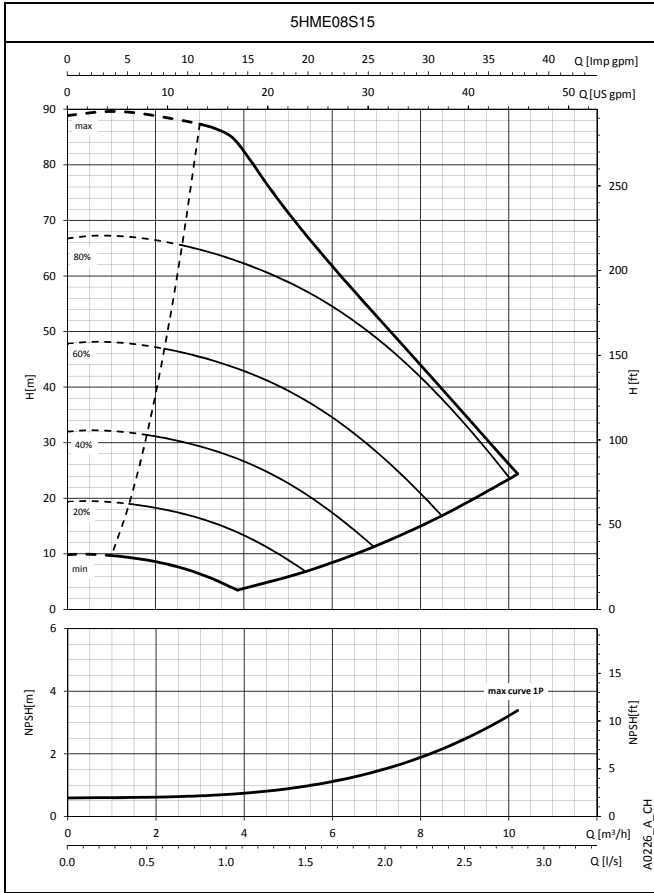
The performance curves do not take into account flow resistance in the valves and piping.

The curves show the performance with one, two and three pumps running.

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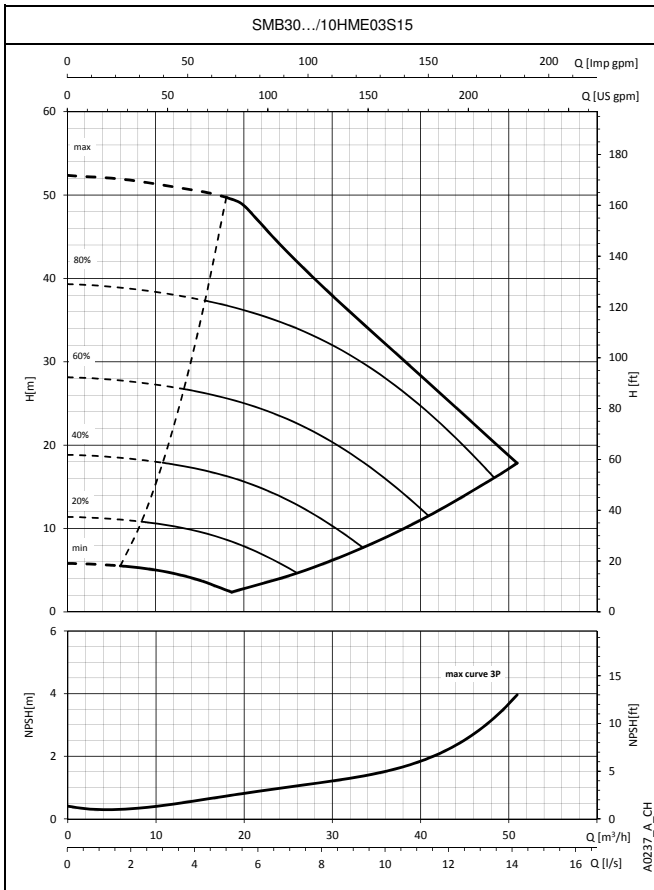
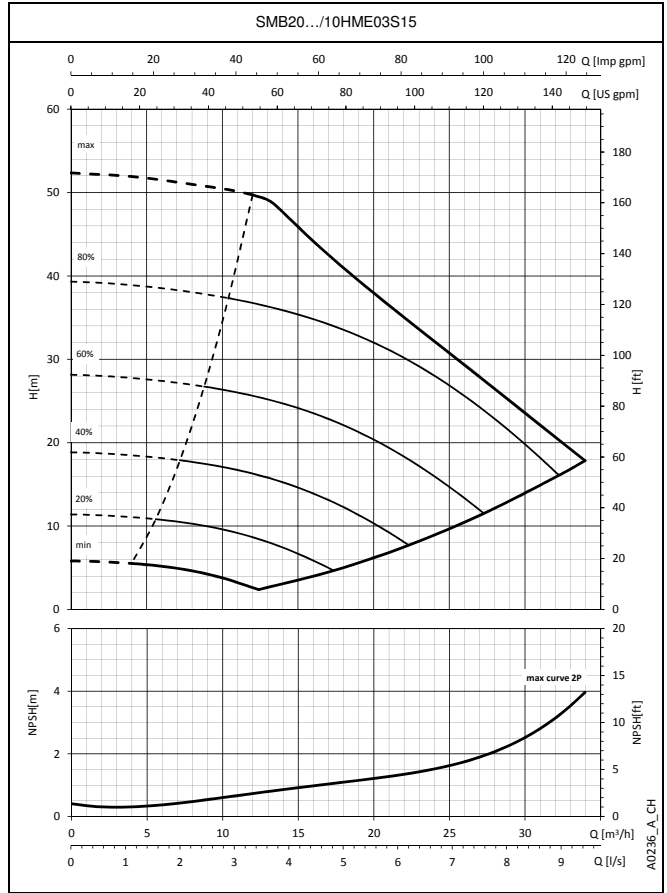
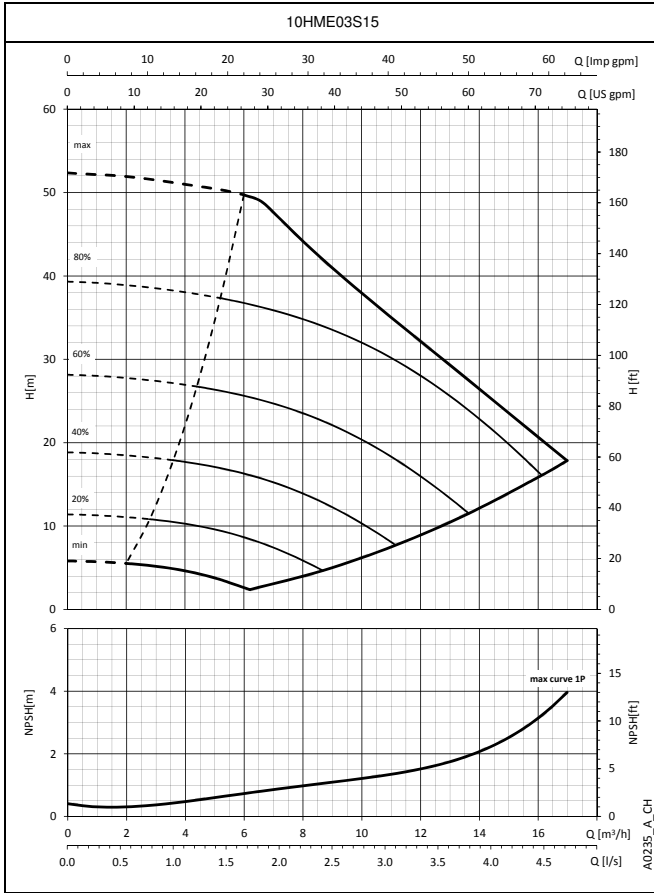
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SMB.../HME BOOSTER SETS SERIES OPERATING CHARACTERISTICS



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SMB.../HME BOOSTER SETS SERIES OPERATING CHARACTERISTICS

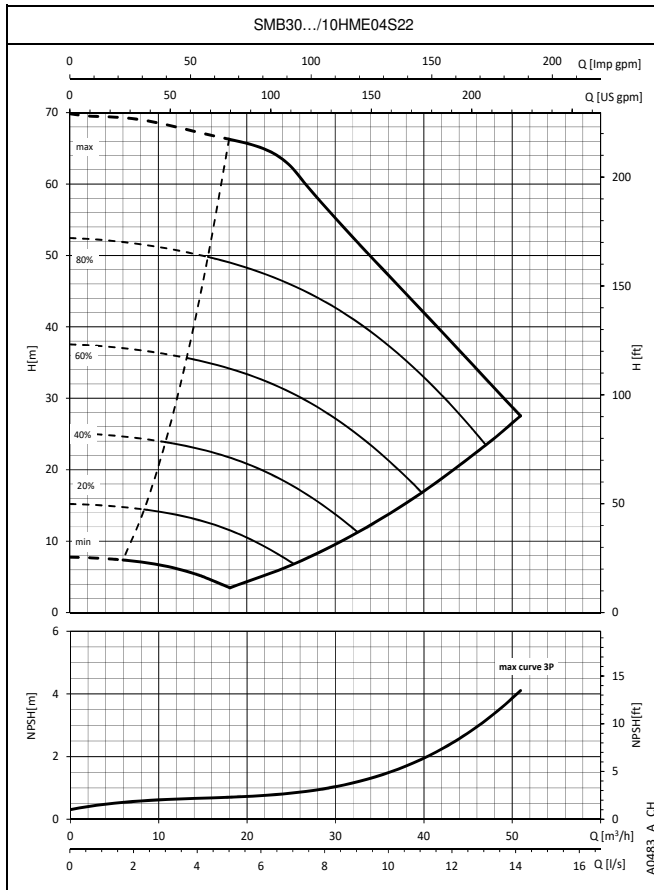
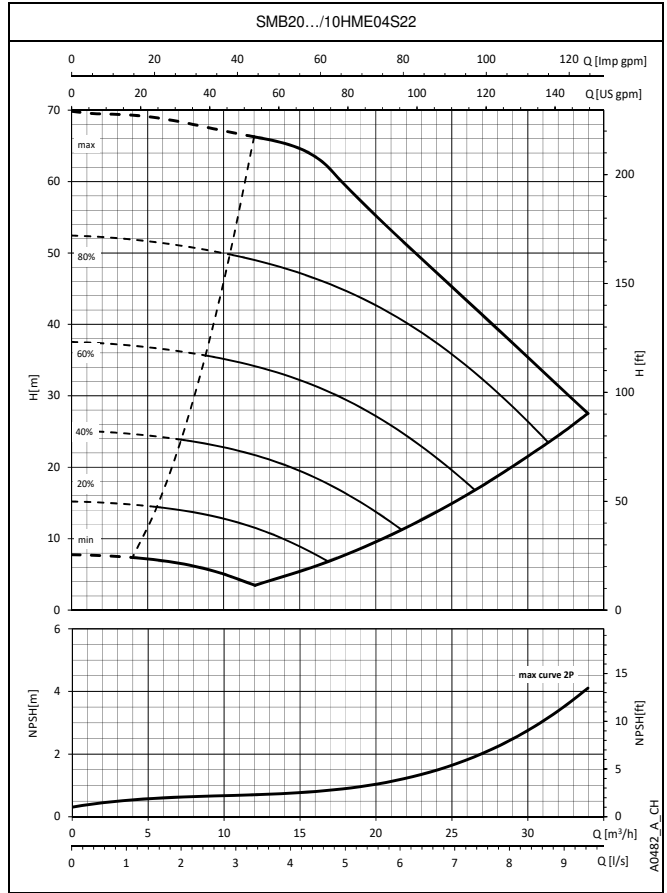
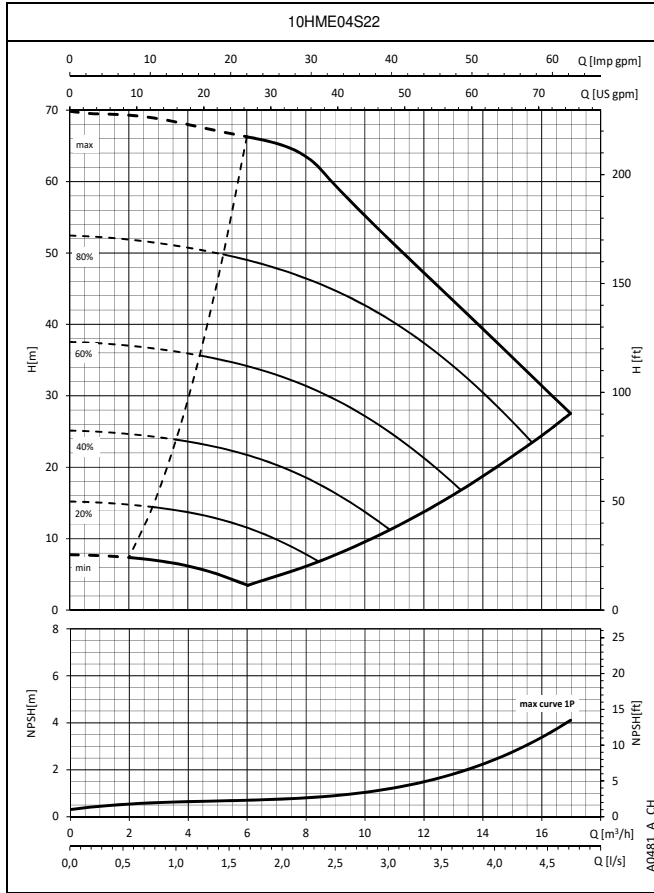


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