



Vertical Multistage Pumps KO and KO-ST Series



KO Series

High quality and efficient vertical multi-stage centrifugal pumps with compact construction. Highly preferred with its small footprint in booster systems and connection style as overlaying (inlet at the bottom and outlet at top) occupying space at floor.

Fields of Use

- Pressurized water supply in residential and commercial buildings
- Garden irrigation systems
- Clean water transfer

Pump Specifications

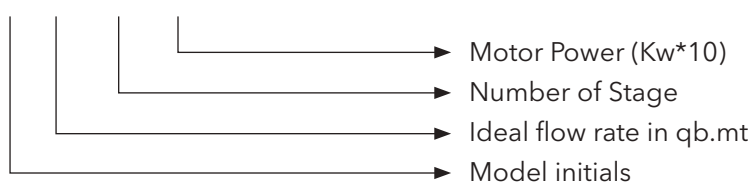
- Pump Body : GG25 Cast Iron
- Impeller & Diffuser : Noryl
- Pump Shaft : AISI 420 Stainless Steel
- Mechanical Seal : Carbon / Ceramic / EPDM

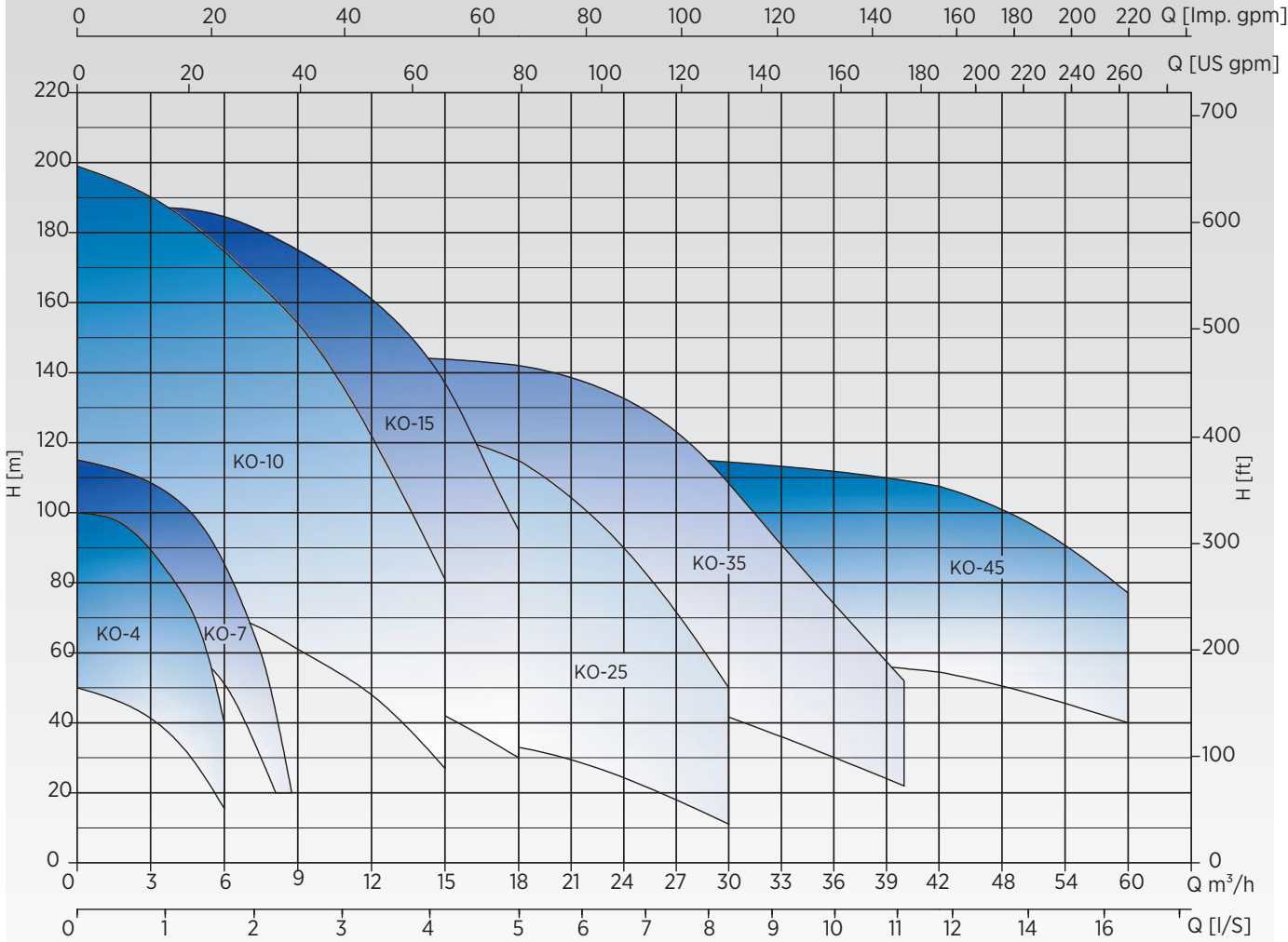
Technical Specifications

- Maximum Flow : 60 m³/h
- Maximum Pressure : 200 mwc
- Inlet-Outlet Diameter : 1" & 3"
- Pressure Class : PN25
- Max. Ambient Temperature : 40°C
- Fluid Temperature : 0 - 40°C
- Fluid Property : Clean, solid particle-free, chemically neutral water
- Motor Speed : 2900 rpm
- Network Connection : 3*380V, 50Hz
- Motor Power : 0,75 - 22,5 kW
- Protection Class : IP55
- Insulation Class : F

Identification Code

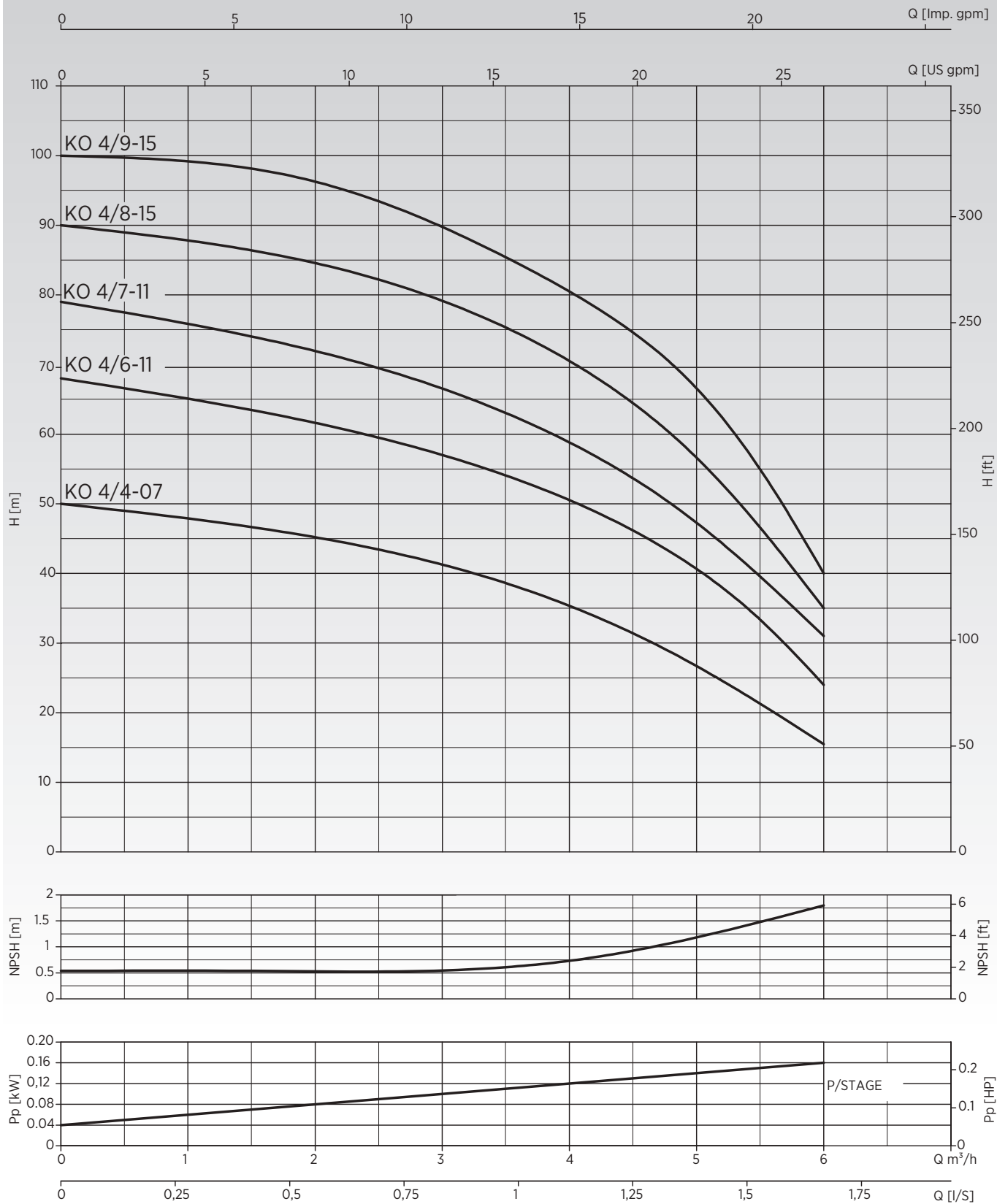
KO 10 / 7 / 30



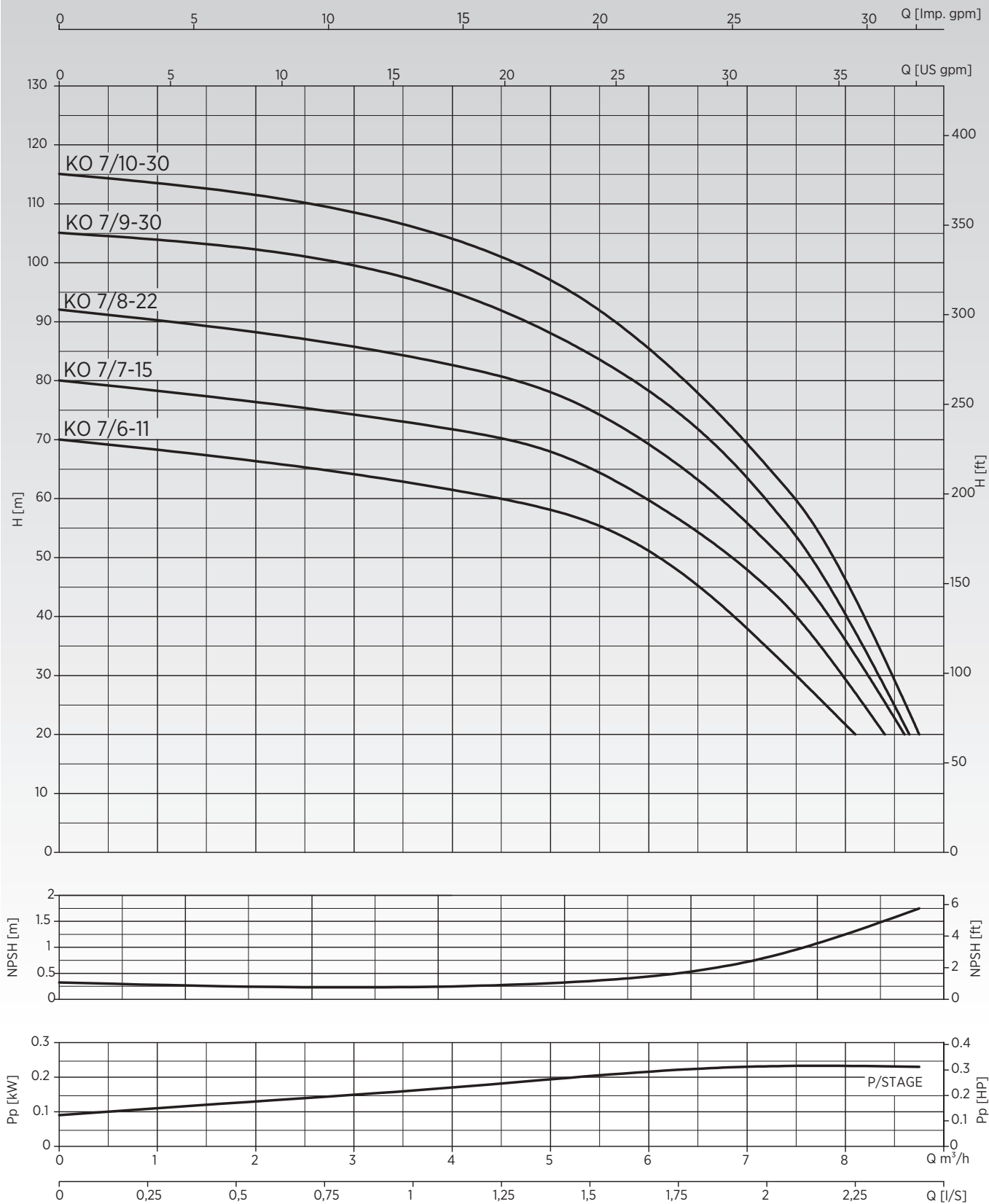


KO Series Performance Curves

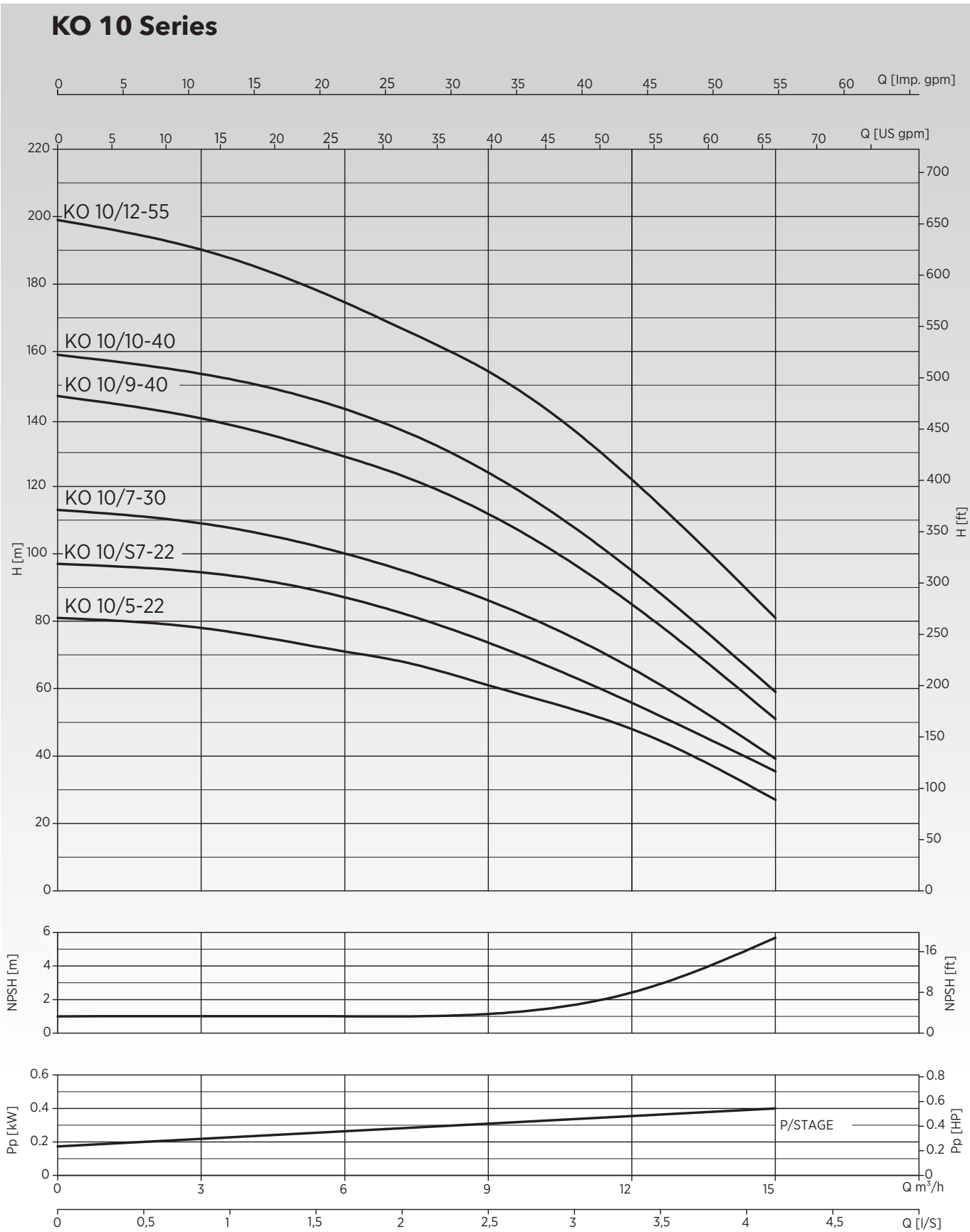
KO 4 Series



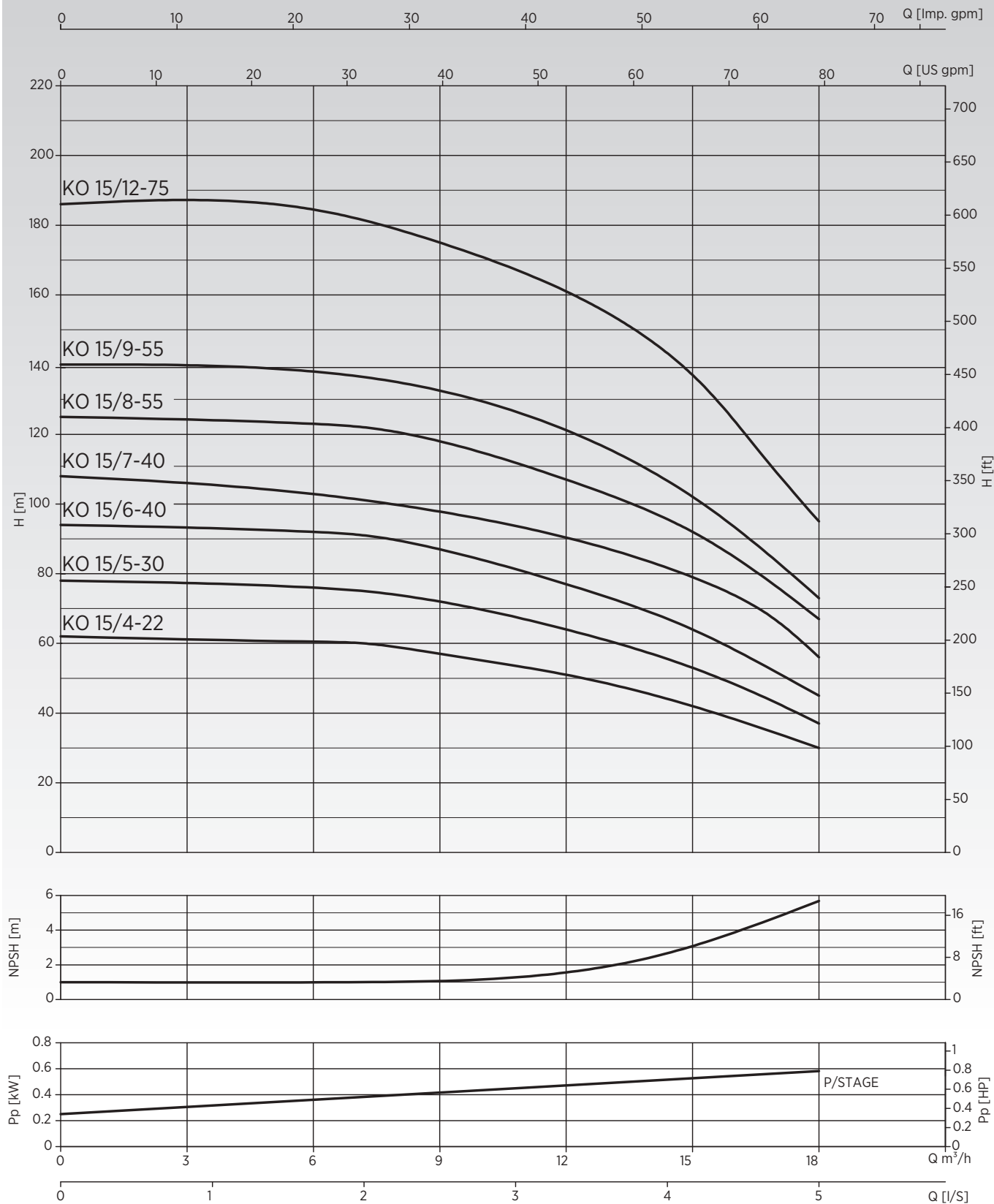
KO 7 Series



KO Series Performance Curves

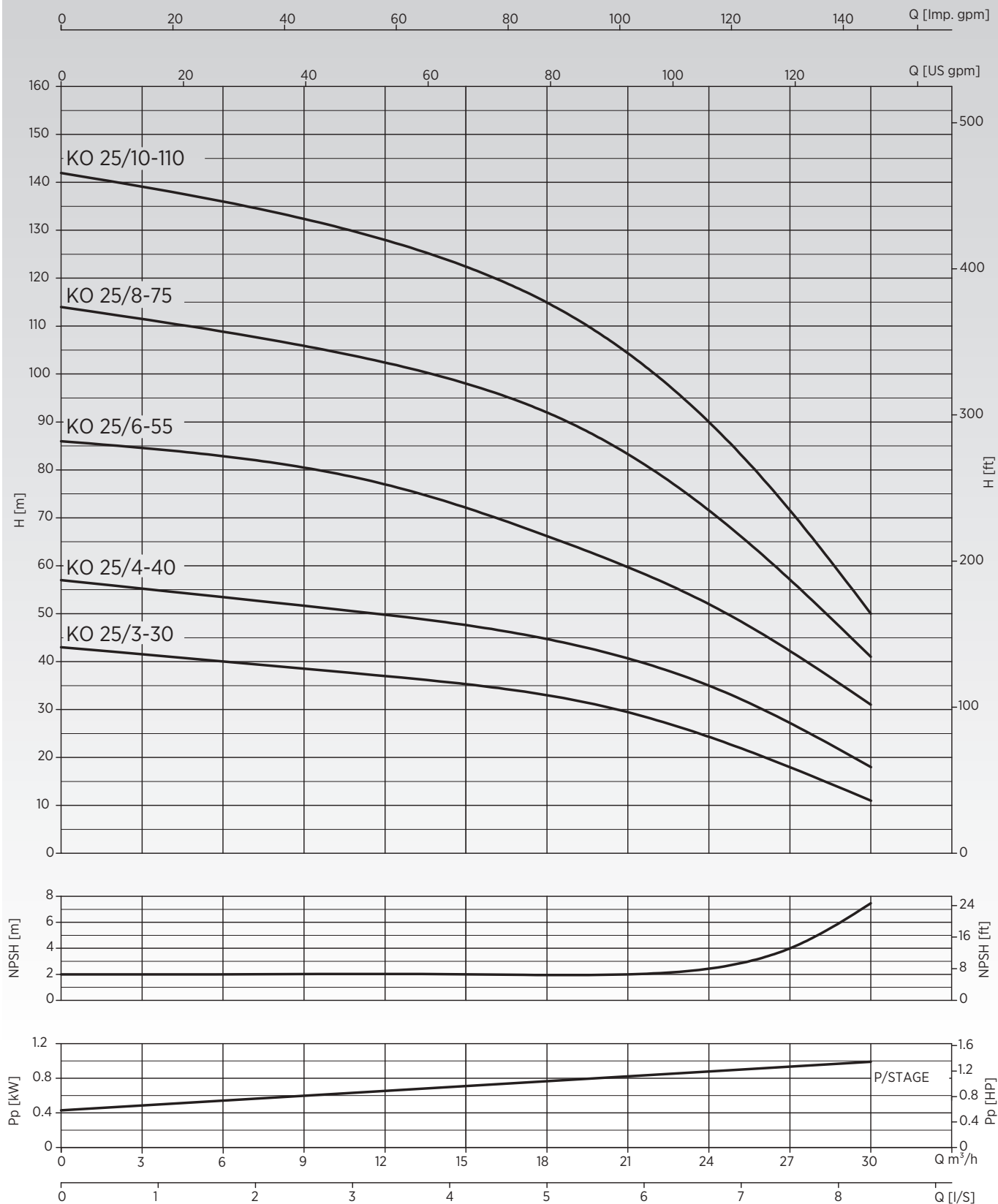


KO 15 Series

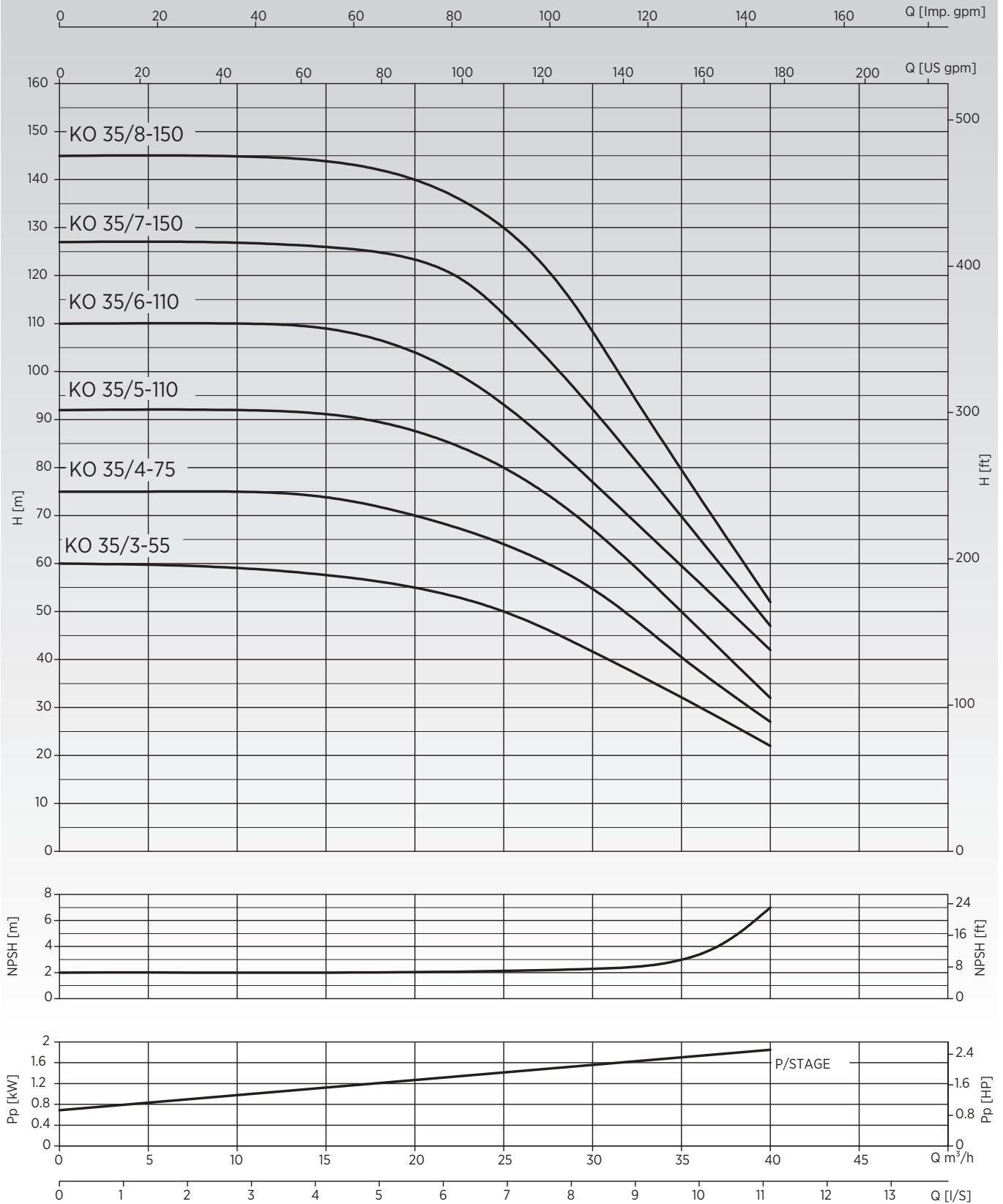


KO Series Performance Curves

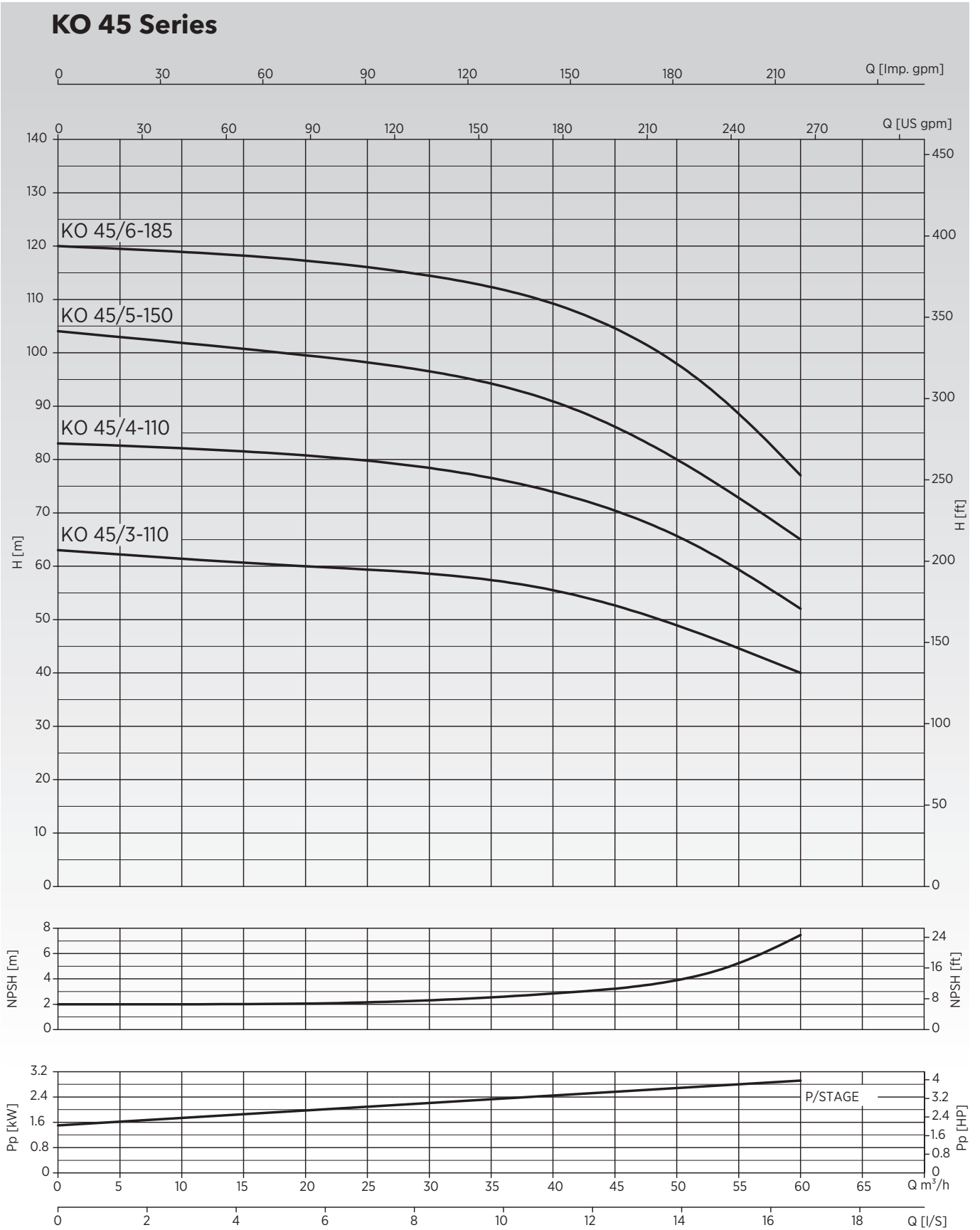
KO 25 Series

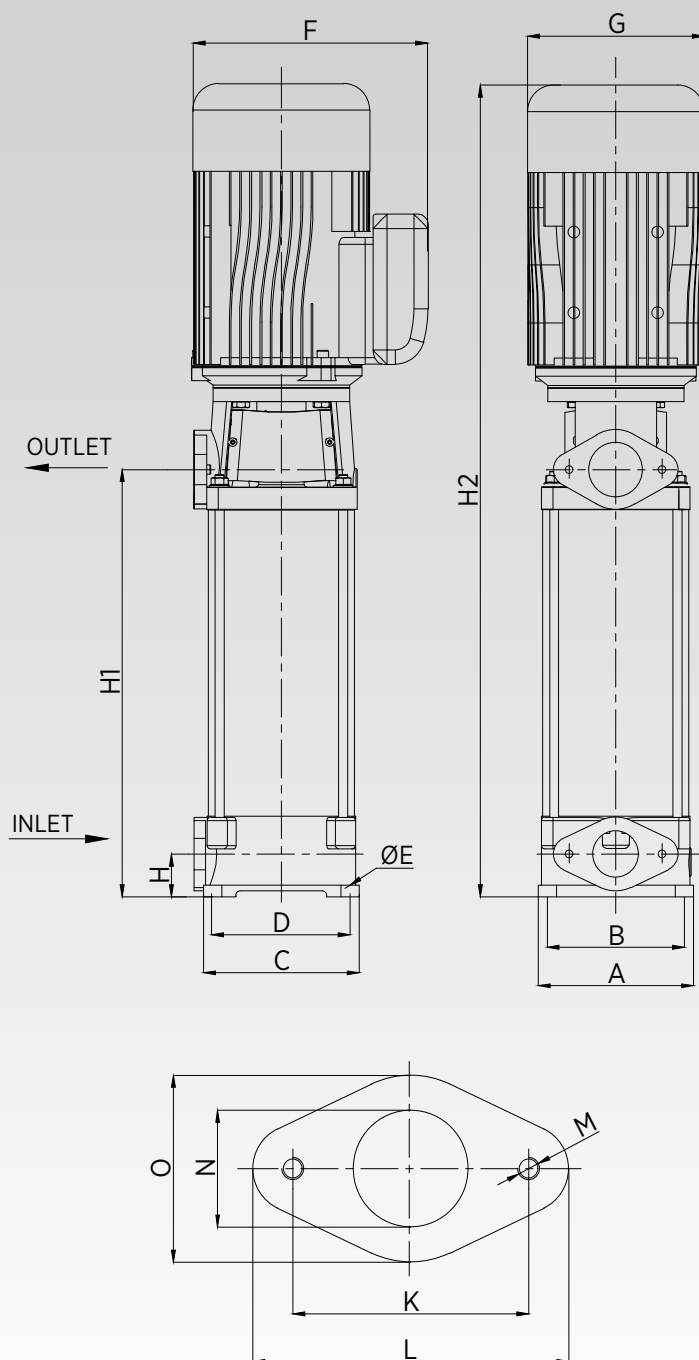


KO 35 Series



KO Series Performance Curves





TYPE	DIMENSIONS												
	INLET					OUTLET							
	N	O	K	L	M	N	O	K	L	M			
KO 4	Ø40	64	82	110	M8	Ø40	64	86	110	M8			
KO 7						Ø42		68			88	117	
KO 10	Ø42	68	88	117	M10	Ø44	82	88	117	M10			
KO 15						Ø55		82			140	170	M12
KO 25	Ø80	110	140	170	M12	Ø70	100	120	150	M12			
KO 35						Ø70		100			120	150	M12
KO 45						Ø70		100			120	150	M12

KO Series Dimensions and Weights

TYPE	DIMENSIONS												
	INLET	OUTLET	A	B	C	D	ØE	H	H1	H2	F	G	WEIGHT (kg)
KO 4/4 -0,7	1 "	1 "	137	112	137	112	10	37	223	543	200	160	20
KO 4/6 -11									271	591			18
KO 4/7 -11									295	615			19
KO 4/8 -15									319	639			21
KO 4/9 -15									343	663			22

TYPE	DIMENSIONS												
	INLET	OUTLET	A	B	C	D	ØE	H	H1	H2	F	G	WEIGHT (kg)
KO 7/6 -11	1 1/4"	1 1/4 "	137	112	137	112	10	37	271	591	200	160	18
KO 7/7 -15									295	615			20
KO 7/8 -22									319	684			24
KO 7/9 -30									343	718	220	180	27
KO 7/10 -30									367	742			29

TYPE	DIMENSIONS												
	INLET	OUTLET	A	B	C	D	ØE	H	H1	H2	F	G	WEIGHT (kg)
KO 10/5-22	1 1/4"	1 1/4 "	153	122	153	122	12	38	322	696	220	180	22
KO 10/5/7-22									398	772			23
KO 10/7-30									398	772			32
KO 10/9-40									482	883	230	200	39
KO 10/10-40									520	920			40
KO 10/12-55									596	1020			46

TYPE	DIMENSIONS												
	INLET	OUTLET	A	B	C	D	ØE	H	H1	H2	F	G	WEIGHT (kg)
KO 15/4-22	1 1/4"	1 1/4 "	153	122	153	122	12	38	285	658	220	180	21
KO 15/5-30									322	696			31
KO 15/6-40									367	777	230	200	36
KO 15/7-40									402	815			37
KO 15/8-55									443	873	260	220	43
KO 15/9-55									482	910			44
KO 15/12-75									596	1020			54

TYPE	DIMENSIONS												
	INLET	OUTLET	A	B	C	D	ØE	H	H1	H2	F	G	WEIGHT (kg)
KO 25/3-30	1 1/2"	1 1/2 "	153	122	153	122	12	75	351	678	230	200	33
KO 25/4-40									415	777			38
KO 25/6-55									530	912	260	220	46
KO 25/8-75									644	1020			54
KO 25/10-110									758	1140			79

TYPE	DIMENSIONS												
	INLET	OUTLET	A	B	C	D	ØE	H	H1	H2	F	G	WEIGHT (kg)
KO 35/3-55	2 1/2 "	2 "	175	144	175	144	12	70	348	770	260	220	46
KO 35/4-75									394	816			54
KO 35/5-110									439	960	320	300	78
KO 35/6-110									485	1005			80
KO 35/7-150									531	1155	380	310	114
KO 35/8-150									576	1200			115

TYPE	DIMENSIONS												
	INLET	OUTLET	A	B	C	D	ØE	H	H1	H2	F	G	WEIGHT (kg)
KO 45/3-110	3"	2 1/2 "	175	144	175	144	12	70	431	950	320	300	77
KO 45/4-110									493	1010			79
KO 45/5-150									575	1200	380	310	114
KO 45/6-185									637	1260			115



KO ST Series

High quality pumps with compact construction and high efficiency with AISI304 grade stainless steel on all water contact surfaces. Highly preferred with its small footprint in booster systems and connection style as overlaying (inlet at the bottom and outlet at top) occupying space at floor.

Fields of Use

- Pressurized water supply in residential and commercial buildings
- Garden irrigation systems
- As booster pumps in commercial & residential buildings
- Clean water transfer

Pump Specifications

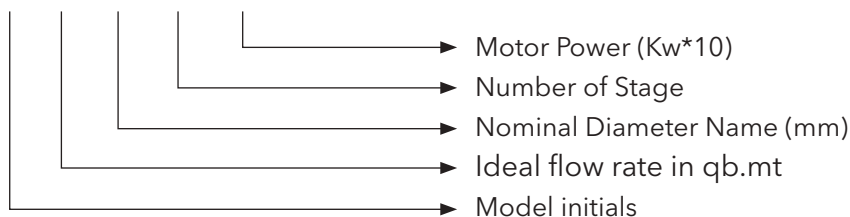
- Pump Body : AISI 304 Stainless Steel
- Impeller & Diffuser : AISI 304 Stainless Steel
- Pump Shaft : AISI 420 Stainless Steel
- Mechanical Seal : Carbon / Ceramic / EPDM

Technical Specifications

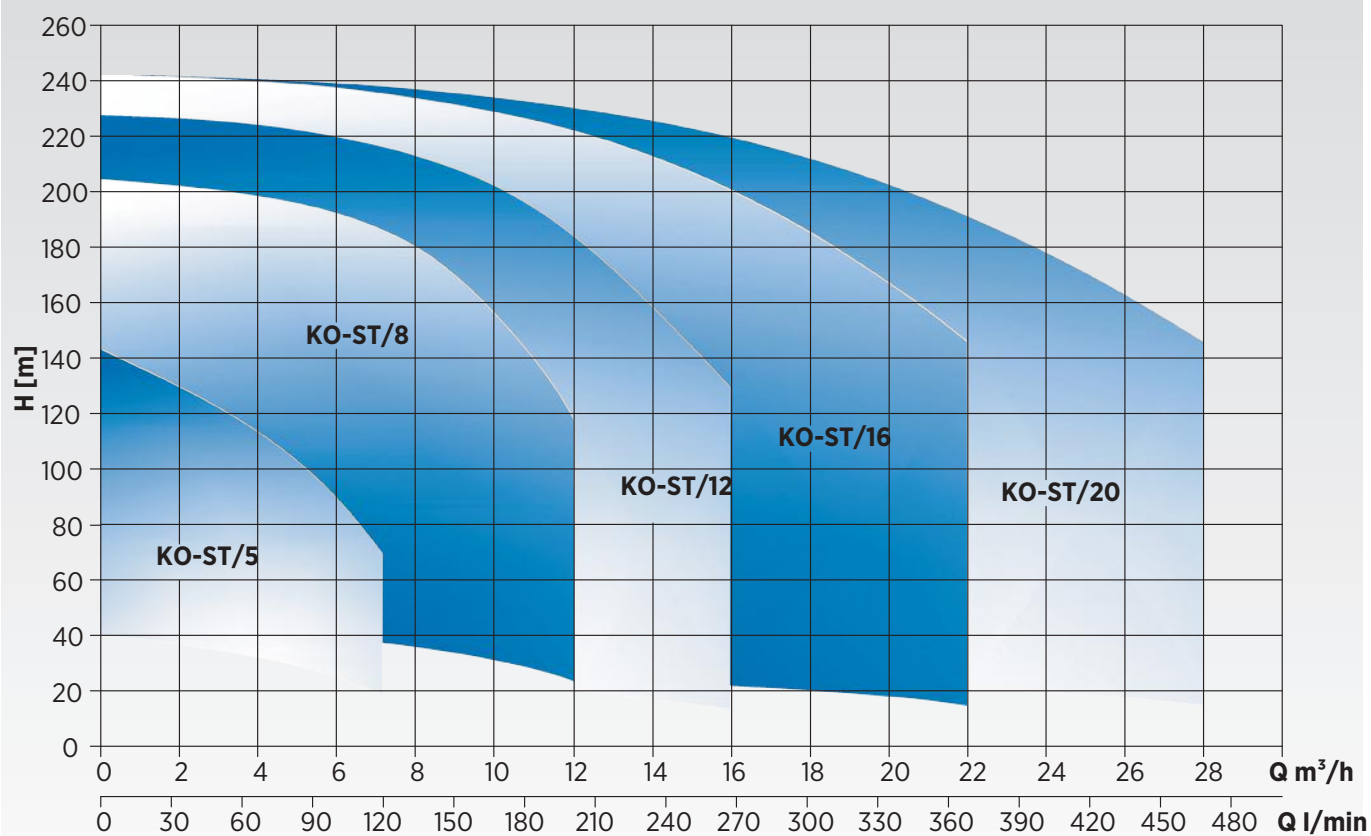
- Maximum Flow : 28 m³/h
- Maximum Pressure : 240 mwc
- Inlet-Outlet Diameter : 1" & 2"
- Pressure Class : PN25
- Max. Ambient Temperature : 40°C
- Fluid Temperature : 0 - 100°C
- Fluid Property : Clean, solid particle-free, chemically neutral water
- Motor Speed : 2900 rpm
- Network Connection : 3*380V, 50Hz
- Motor Power : 0,75 - 18,5 Kw
- Protection Class : IP55
- Insulation Class : F

Identification Code

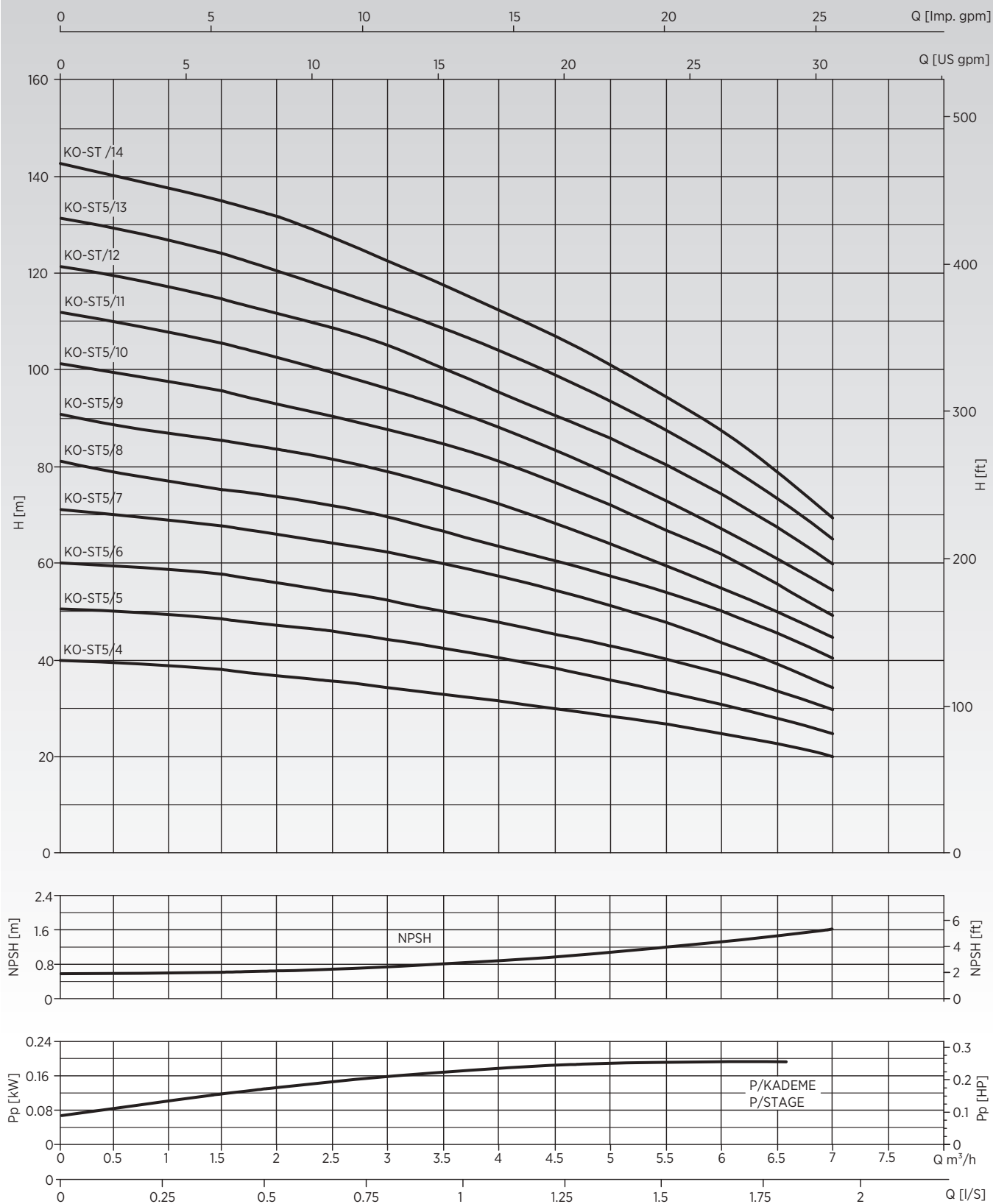
KO ST 12 / 11 / 75



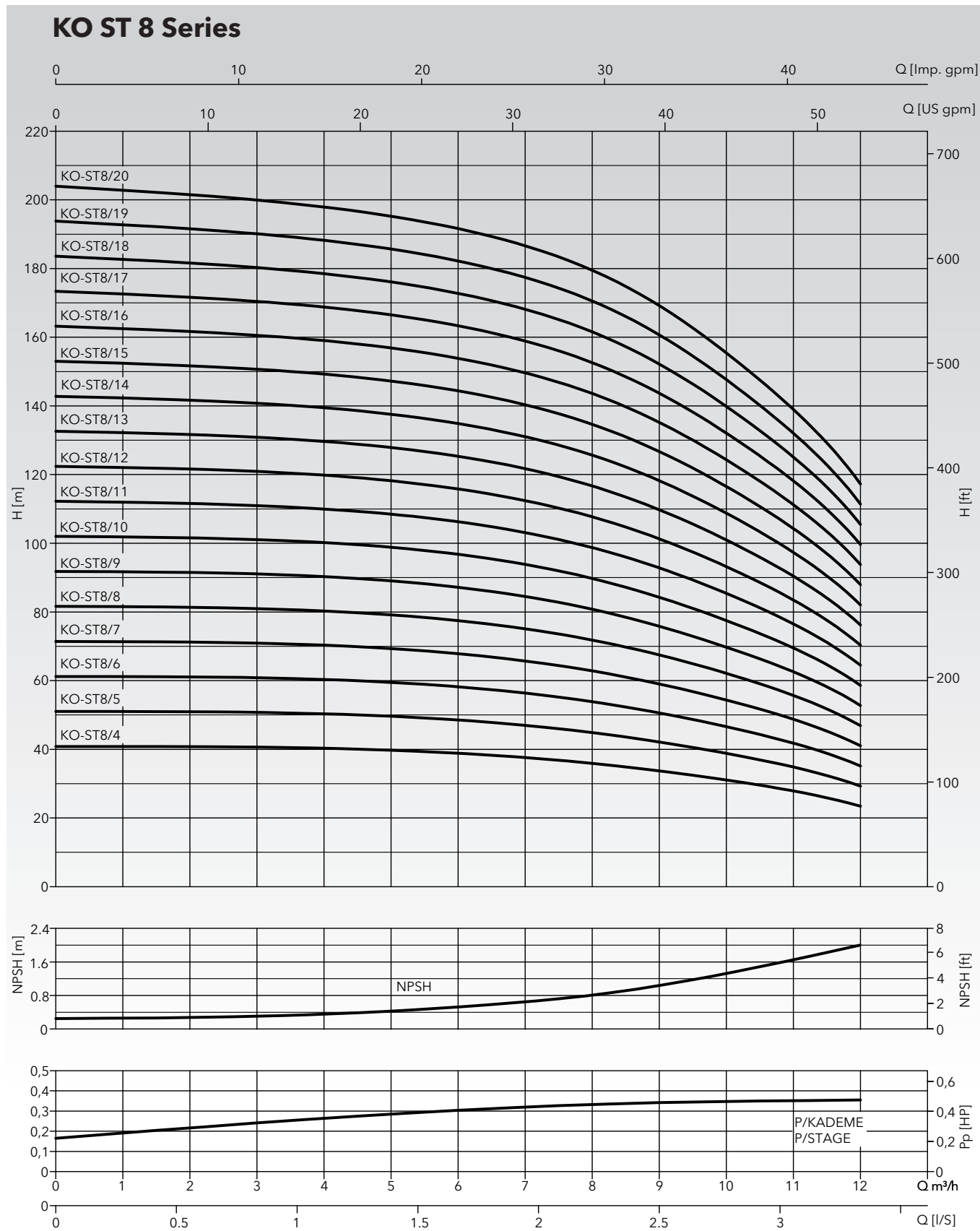
KO ST Series Family Curves



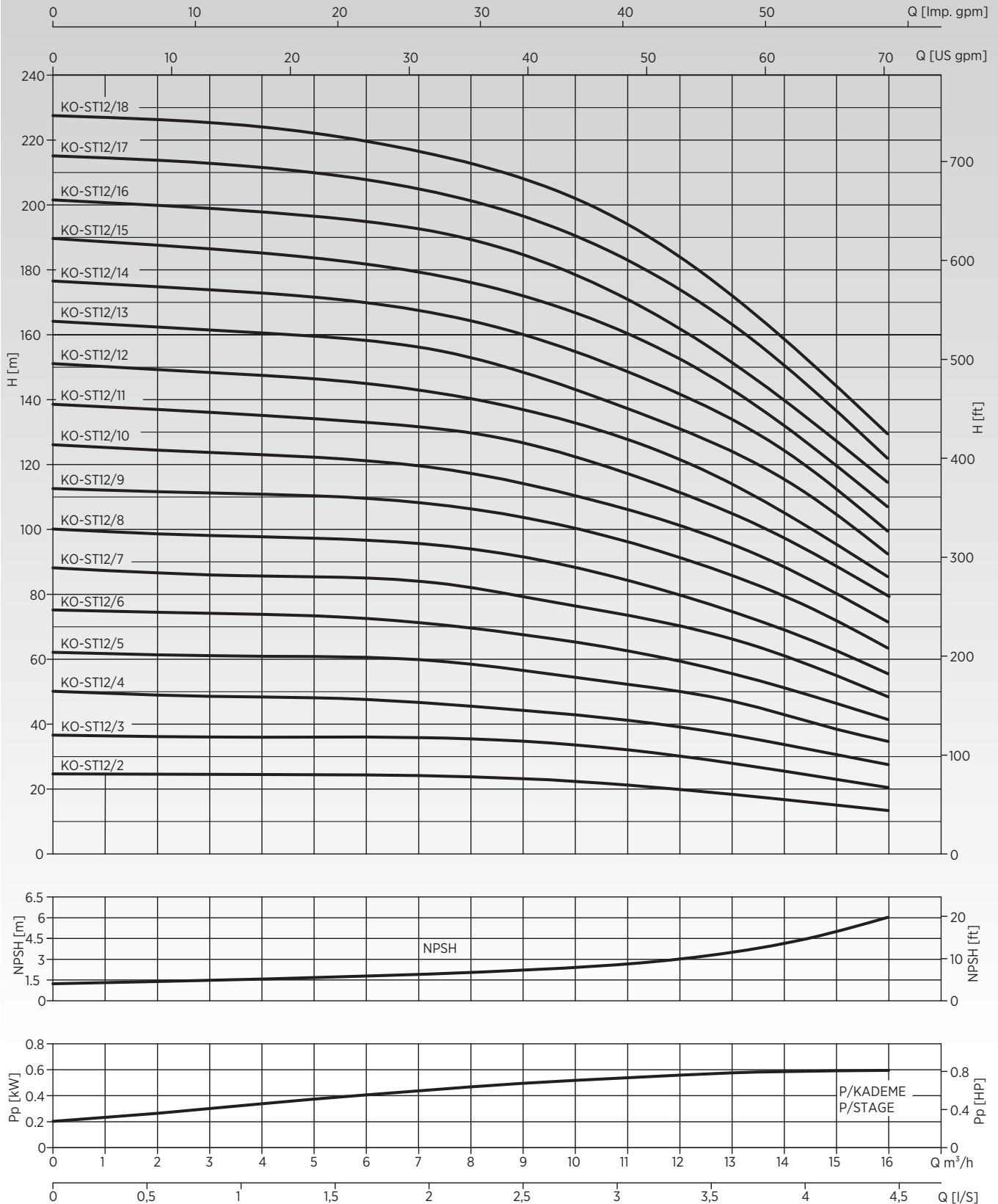
KO ST 5 Series



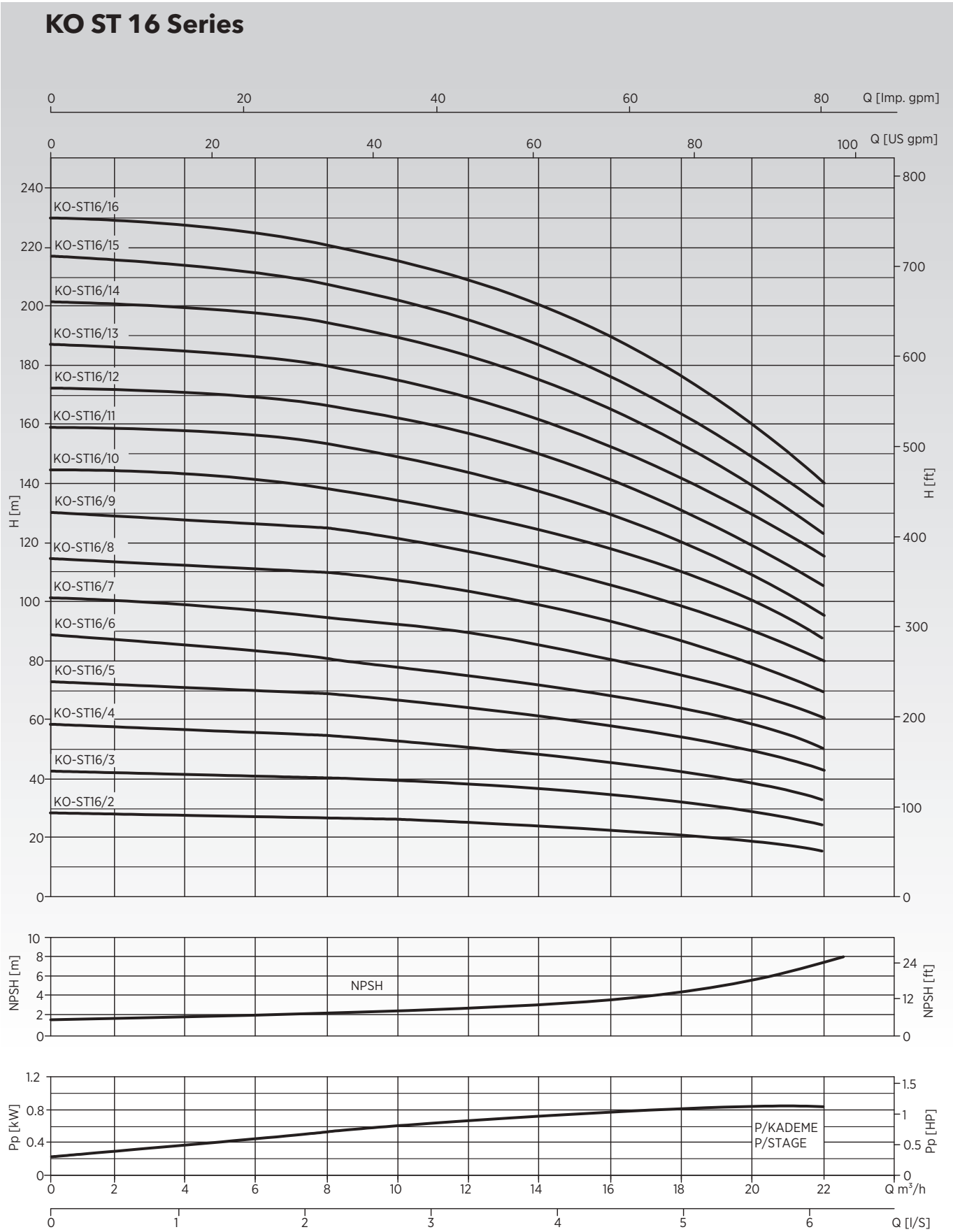
KO ST Series Performance Curves



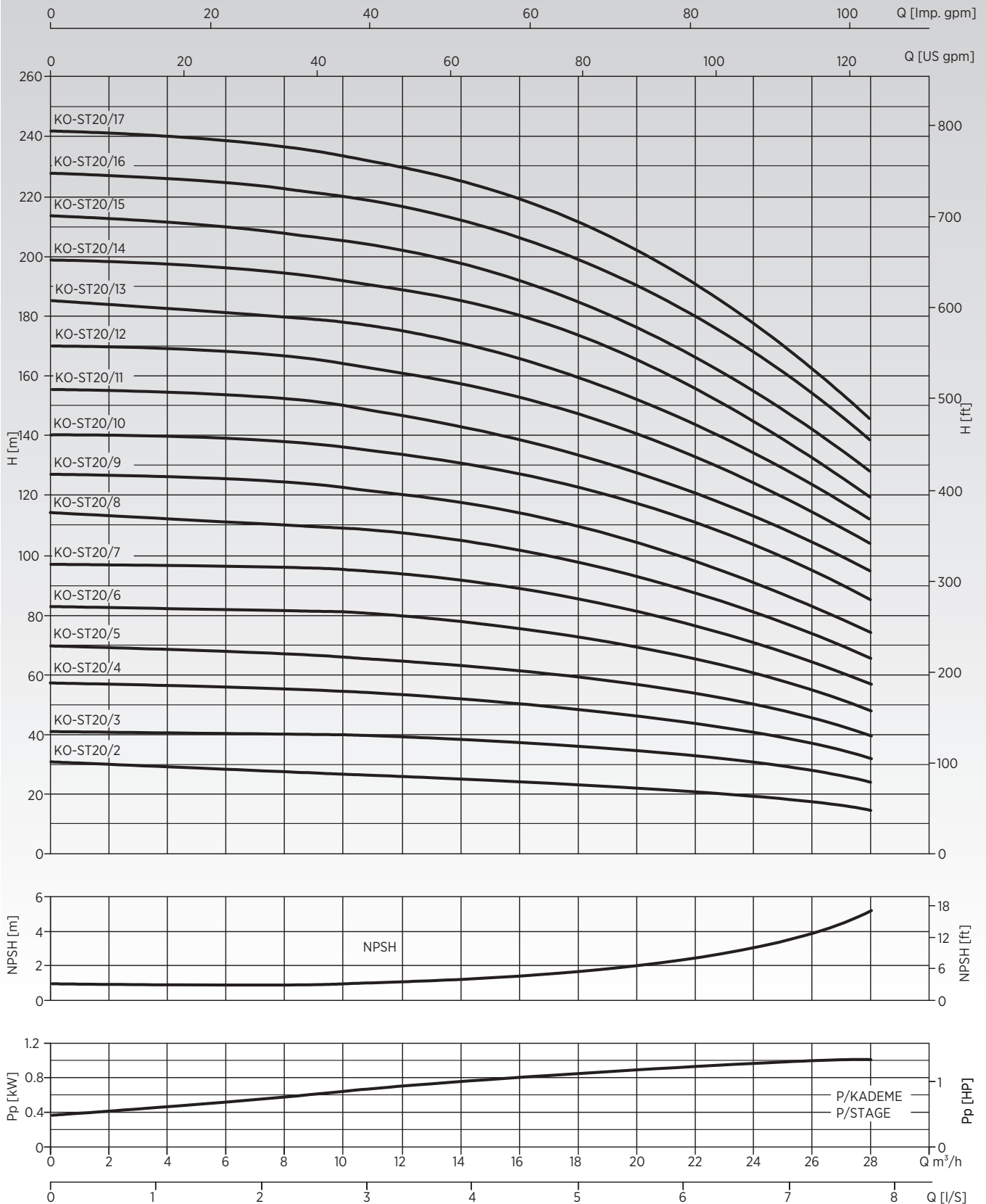
KO ST 12 Series



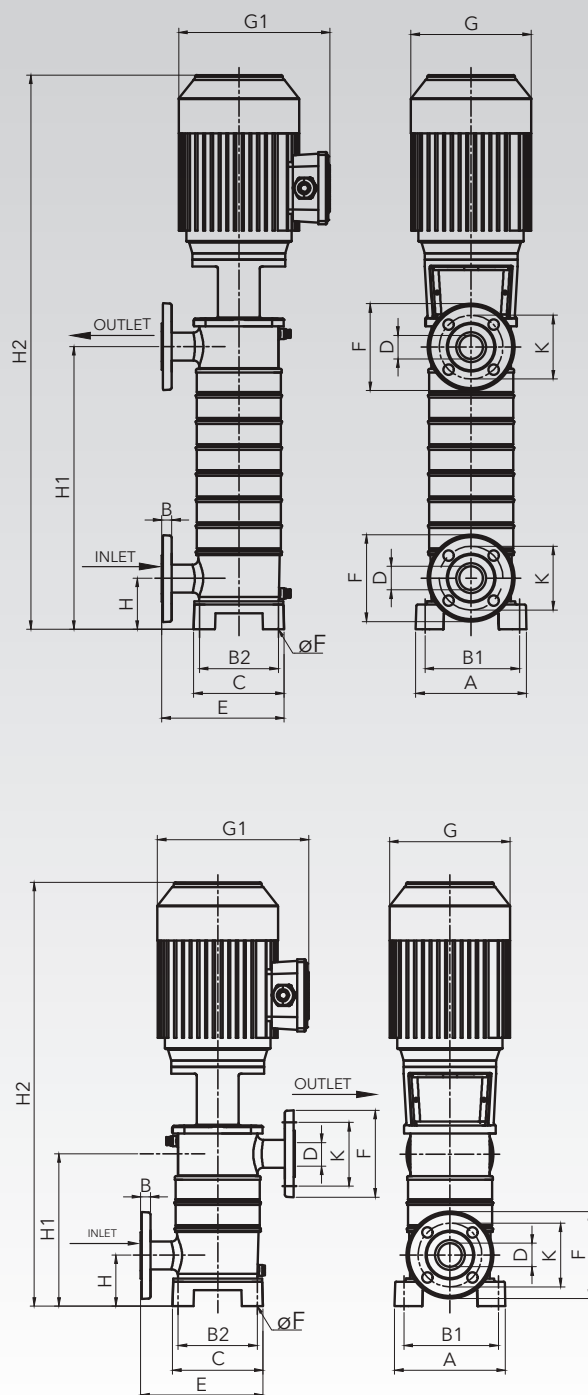
KO ST Series Performance Curves



KO ST 20 Series



KO ST Series Dimensions and Weights



TYPE	DIMENSIONS			
	E	K	F	B
KO-ST-5	27	90	108	10
KO-ST-8	55	120	143	10
KO-ST-12	55	120	143	10
KO-ST-16	55	120	143	10
KO-ST-20	55	120	143	10

TYPE	DIMENSIONS													
	Inlet	Out	A	B1	C	B2	E	ØF	H	H1	H2	G	G1	Weight
KO-ST5/4-075	1"	1"	151	128	121	64	173	9	68	224	578	156	196	18
KO-ST5/5-11										251	600			20
KO-ST5/6-11										278	632			20
KO-ST5/7-15										305	659	176	214	22
KO-ST5/8-15										332	686			22
KO-ST5/9-22										359	768			27
KO-ST5/10-22										386	795			28
KO-ST5/11-22										413	822			28
KO-ST5/12-22										440	849			29
KO-ST5/13-30										467	876			33
KO-ST5/14-30										494	903			33

TYPE	DIMENSIONS													
	Inlet	Out	A	B1	C	B2	E	ØF	H	H1	H2	G	G1	Weight
KO-ST8/4-15	1 1/2"	1 1/2"	190	156	155	96	197	13	87	260	690	176	214	26
KO-ST8/5-22										290	720			31
KO-ST8/6-22										320	750			32
KO-ST8/7-30										350	780	194	231	36
KO-ST8/8-30										380	810			37
KO-ST8/9-40										410	880			46
KO-ST8/10-40										440	910			47
KO-ST8/11-40										470	940			47
KO-ST8/12-55										500	970			56
KO-ST8/13-55										530	1000	300	318	57
KO-ST8/14-55										560	1030			58
KO-ST8/15-55										590	1060			59
KO-ST8/16-75										620	1090			75
KO-ST8/17-75										650	1120			76
KO-ST8/18-75										680	1150			76
KO-ST8/19-75										710	1180			77
KO-ST8/20-75										740	1210			78

TYPE	DIMENSIONS													
	Inlet	Out	A	B1	C	B2	E	ØF	H	H1	H2	G	G1	Weight
KO-ST12/2-15	1 1/2"	1 1/2"	190	156	155	96	197	13	87	200	630	156	196	24
KO-ST12/3-22										230	660			29
KO-ST12/4-30										260	690			34
KO-ST12/5-30										290	720	194	231	34
KO-ST12/6-40										320	790			43
KO-ST12/7-55										350	820	300	318	52
KO-ST12/8-55										380	850			53
KO-ST12/9-55										410	880			54
KO-ST12/10-75										440	910			70
KO-ST12/11-75										470	940			70
KO-ST12/12-75										500	970			71

TYPE	DIMENSIONS													
	Giriş / Inlet	Çıkış / Out	A	B1	C	B2	E	ØF	H	H1	H2	G	G1	Weight
Ç-ST16/2-22	1 1/2"	1 1/2"	190	156	155	96	197	13	87	215	645	176	214	29
Ç-ST16/3-30										260	690			33
Ç-ST16/4-40										305	775	218	254	43
Ç-ST16/5-55										350	820			52
Ç-ST16/6-55										395	865	300	318	53
Ç-ST16/7-75										440	910			70
Ç-ST16/8-75										485	955			71
Ç-ST16/9-75										530	1000			72
Ç-ST16/10-110										575	1160			87
Ç-ST16/11-110										620	1200			89
Ç-ST16/12-110										665	1240			90

TYPE	DIMENSIONS													
	Inlet	Out	A	B1	C	B2	E	ØF	H	H1	H2	G	G1	Weight
O-ST20/2-22	1 1/2"	1 1/2"	190	156	155	96	197	13	87	215	645	176	214	29
O-ST20/3-40										260	730			41
O-ST20/4-55										305	775	218	254	51
O-ST20/5-55										350	820			52
O-ST20/6-75										395	865	300	318	68
O-ST20/7-75										440	910			70
O-ST20/8-110										485	1070			85
O-ST20/9-110										530	1120			86
O-ST20/10-110										575	1160			87
O-ST20/11-110										620	1200			89

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