



## Vertical Multistage Pumps



## 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

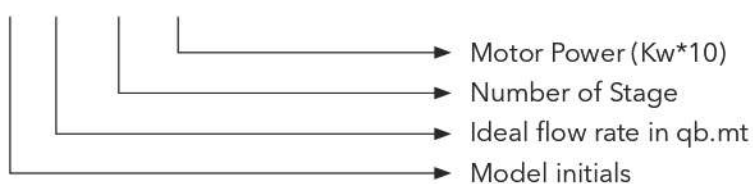
- Pump Body : GG25 Cast Iron
- Impeller & Diffuser : Noryl
- Pump Shaft : AISI 420 Stainless Steel
- Mechanical Seal : Carbon / Ceramic / EPDM

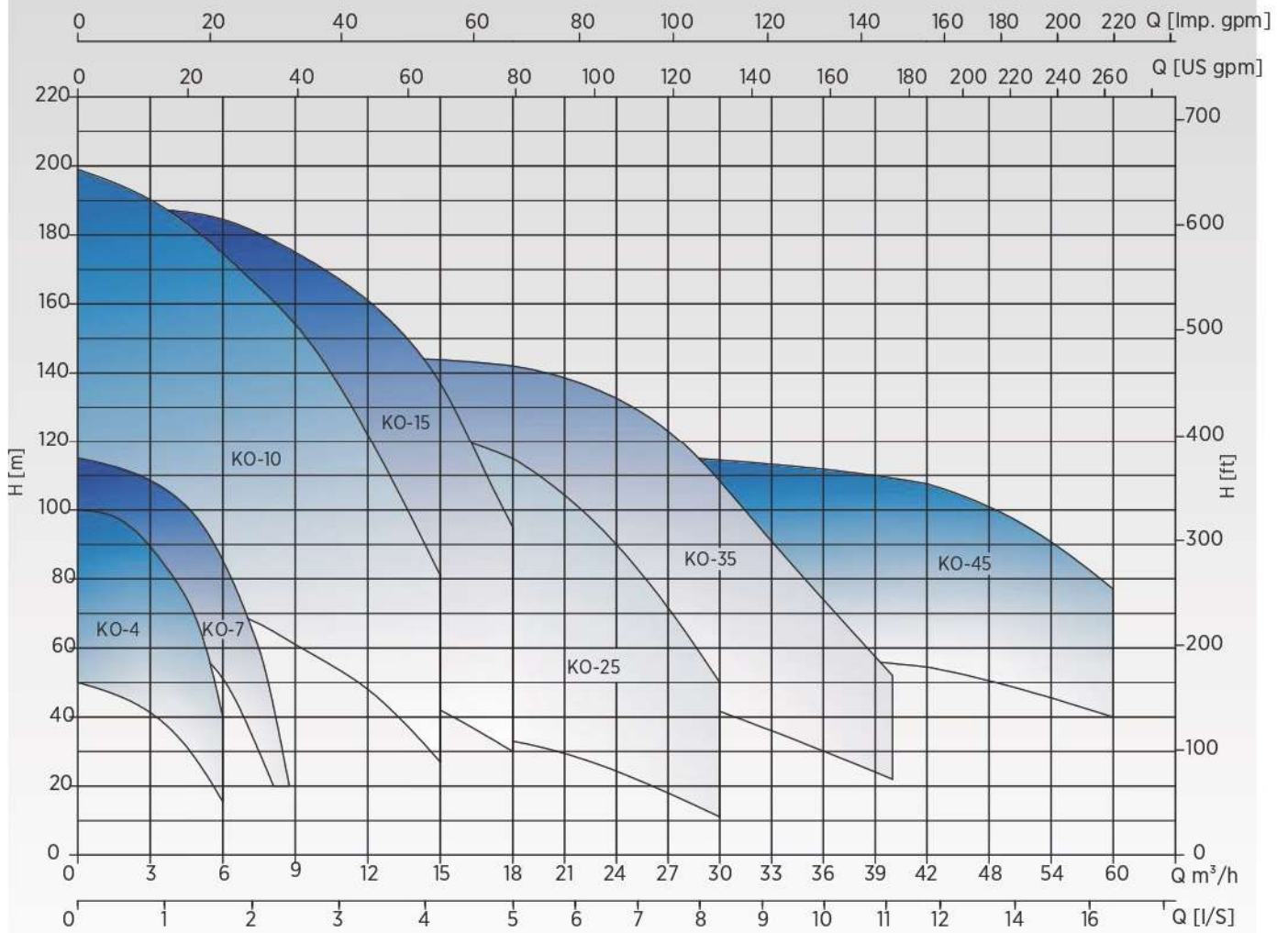
### Technical Specifications

- Maximum Flow : 60 m<sup>3</sup>/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

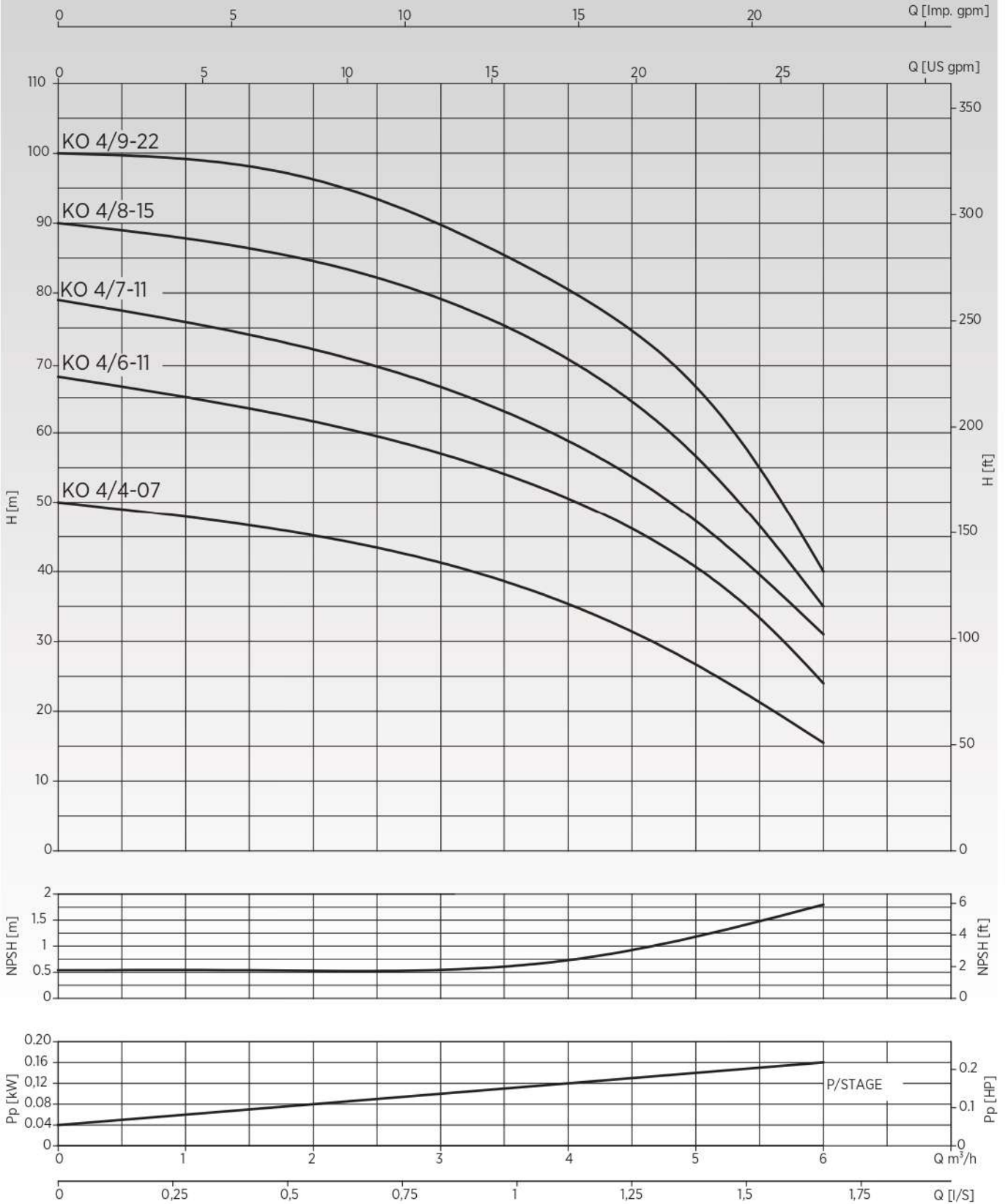
**KO 10 / 7 / 30**





# KO Series Performance Curves

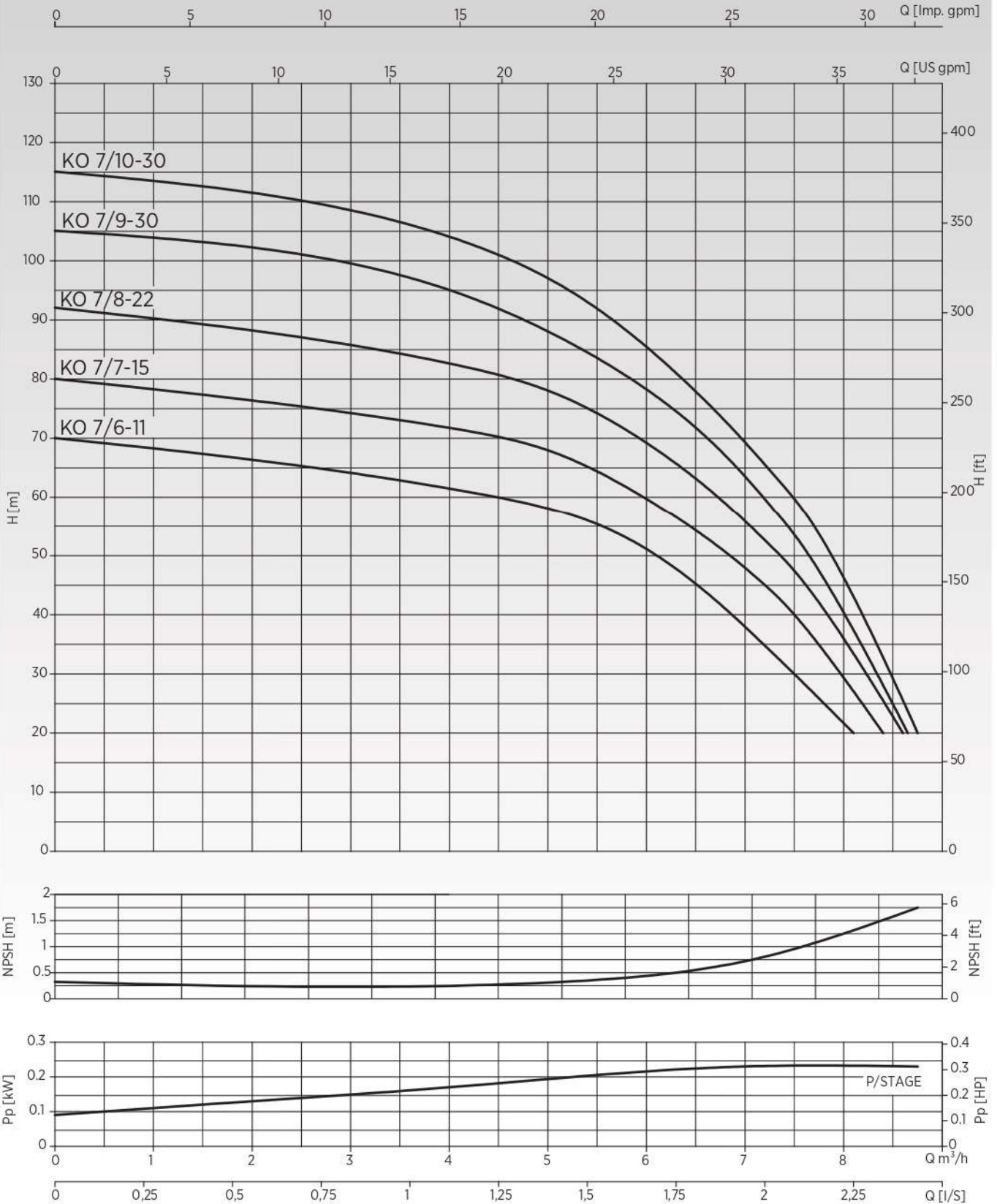
## KO 4 Series





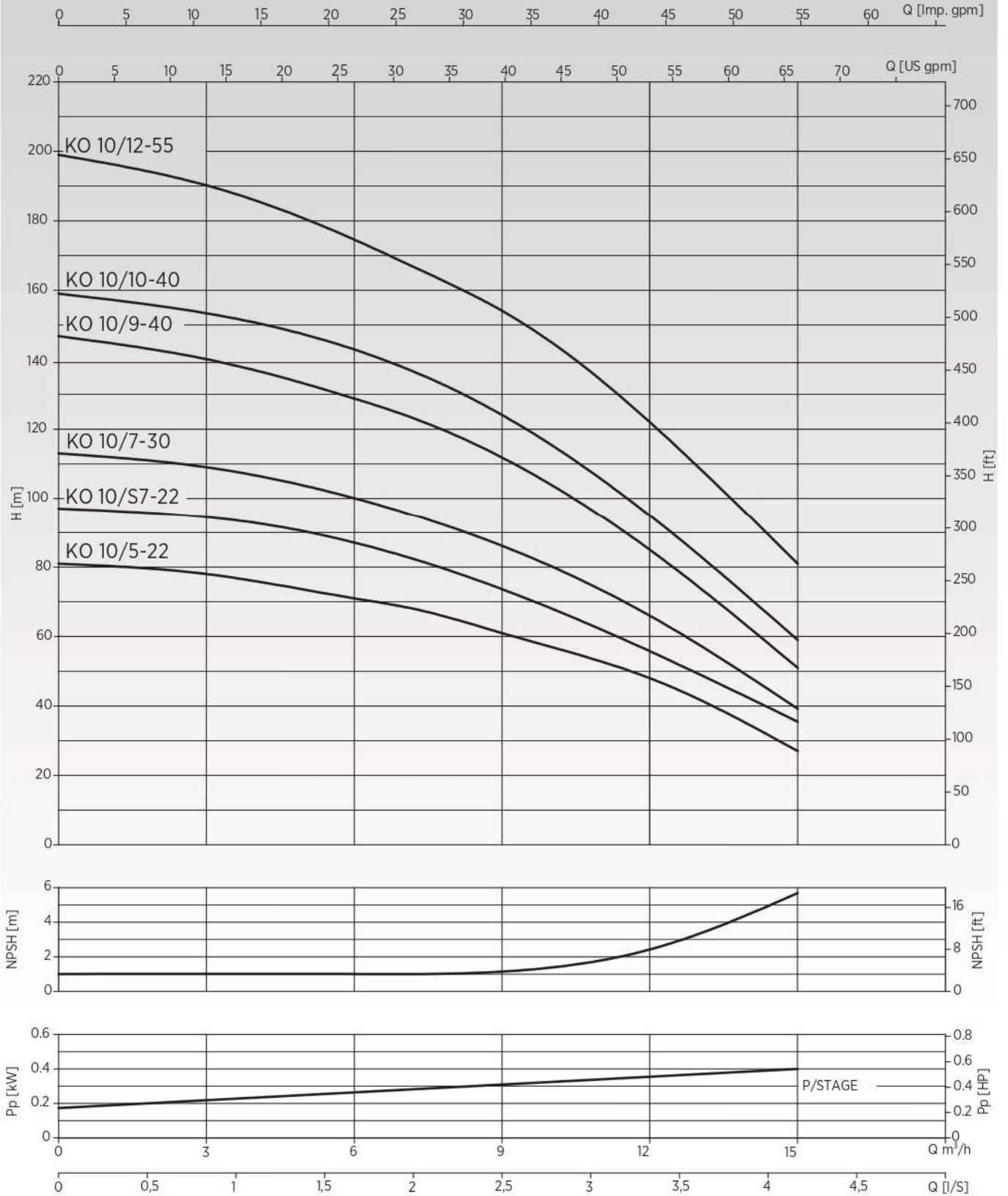


## KO 7 Series

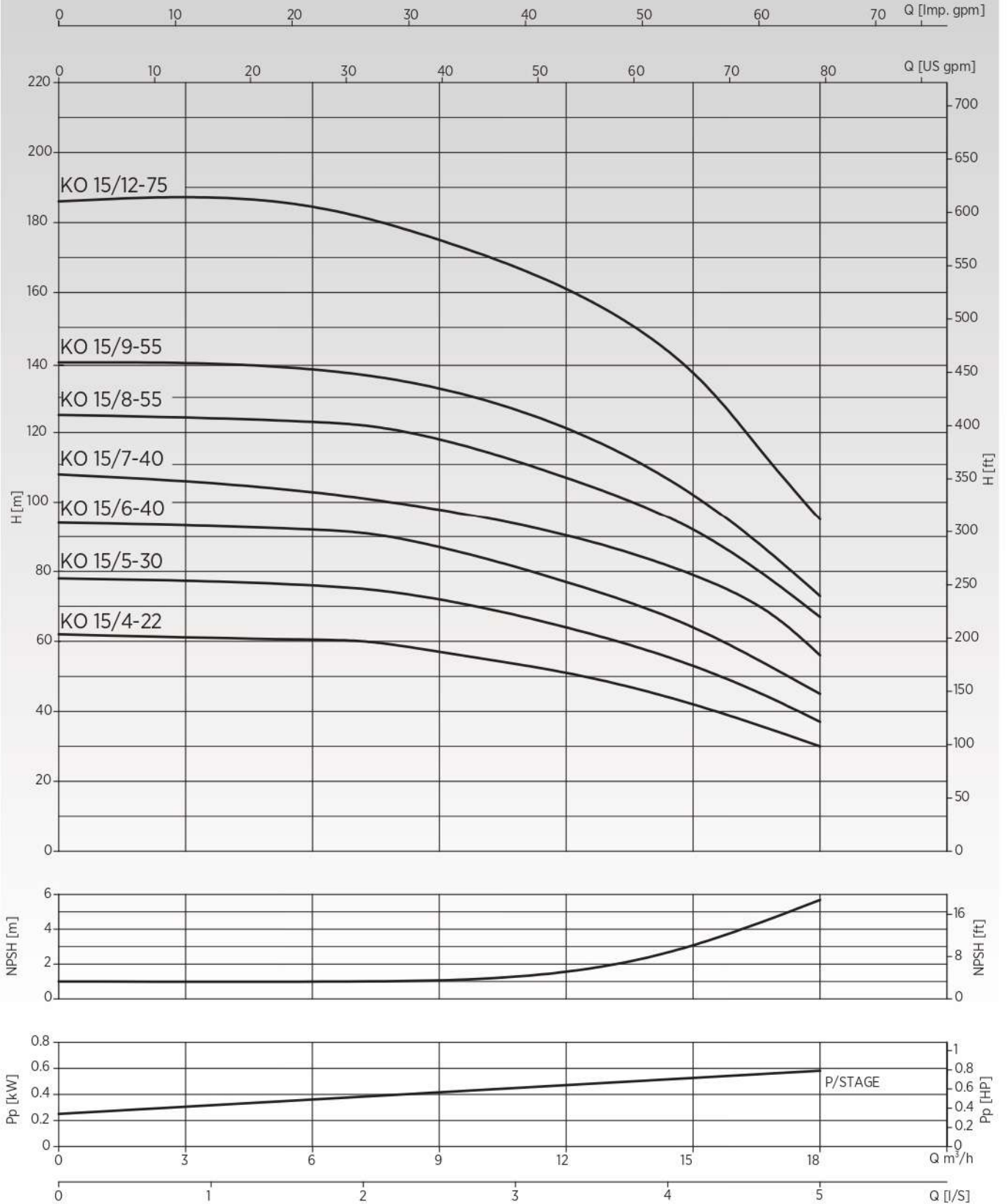


# KO Series Performance Curves

## KO 10 Series

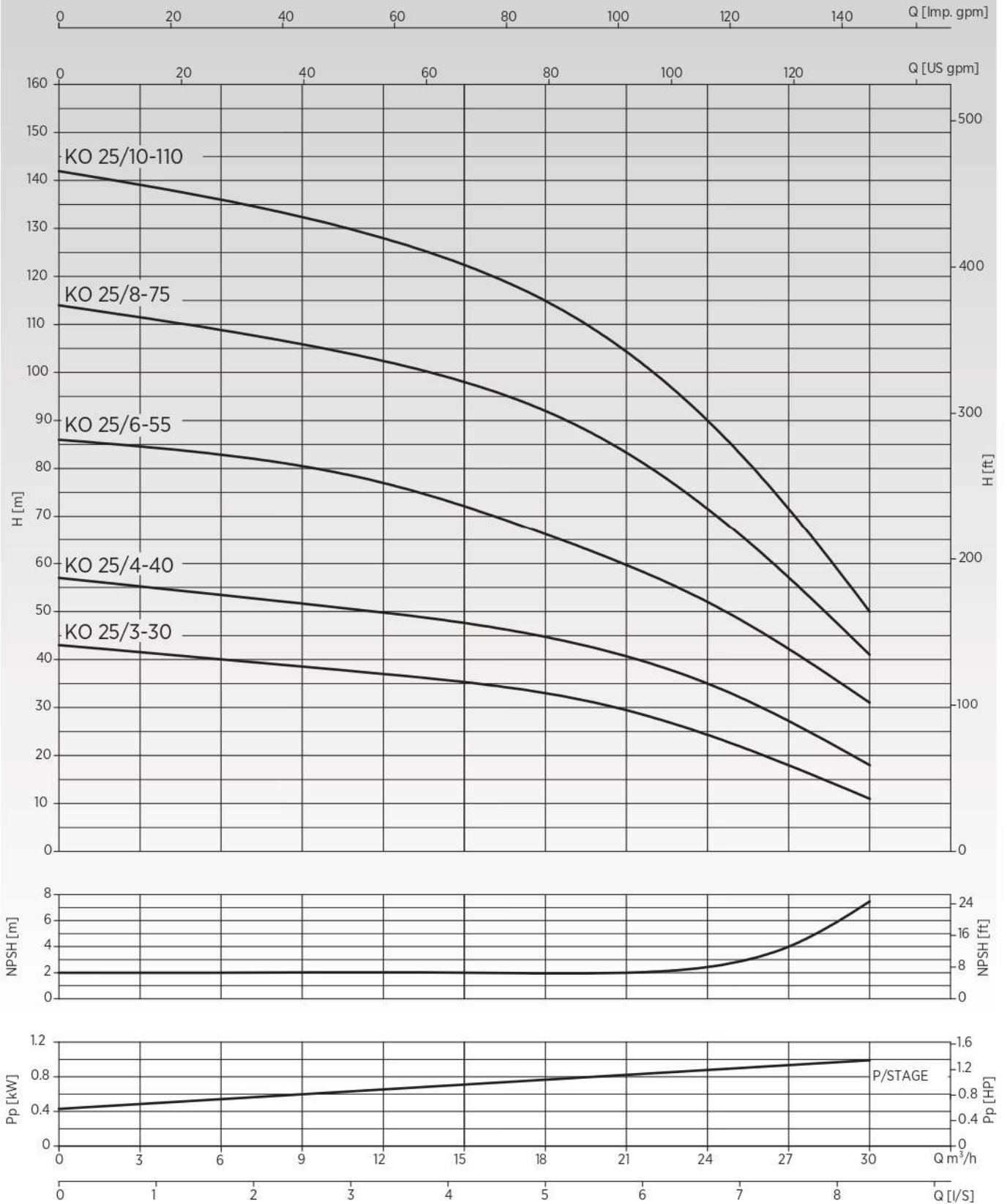


## KO 15 Series



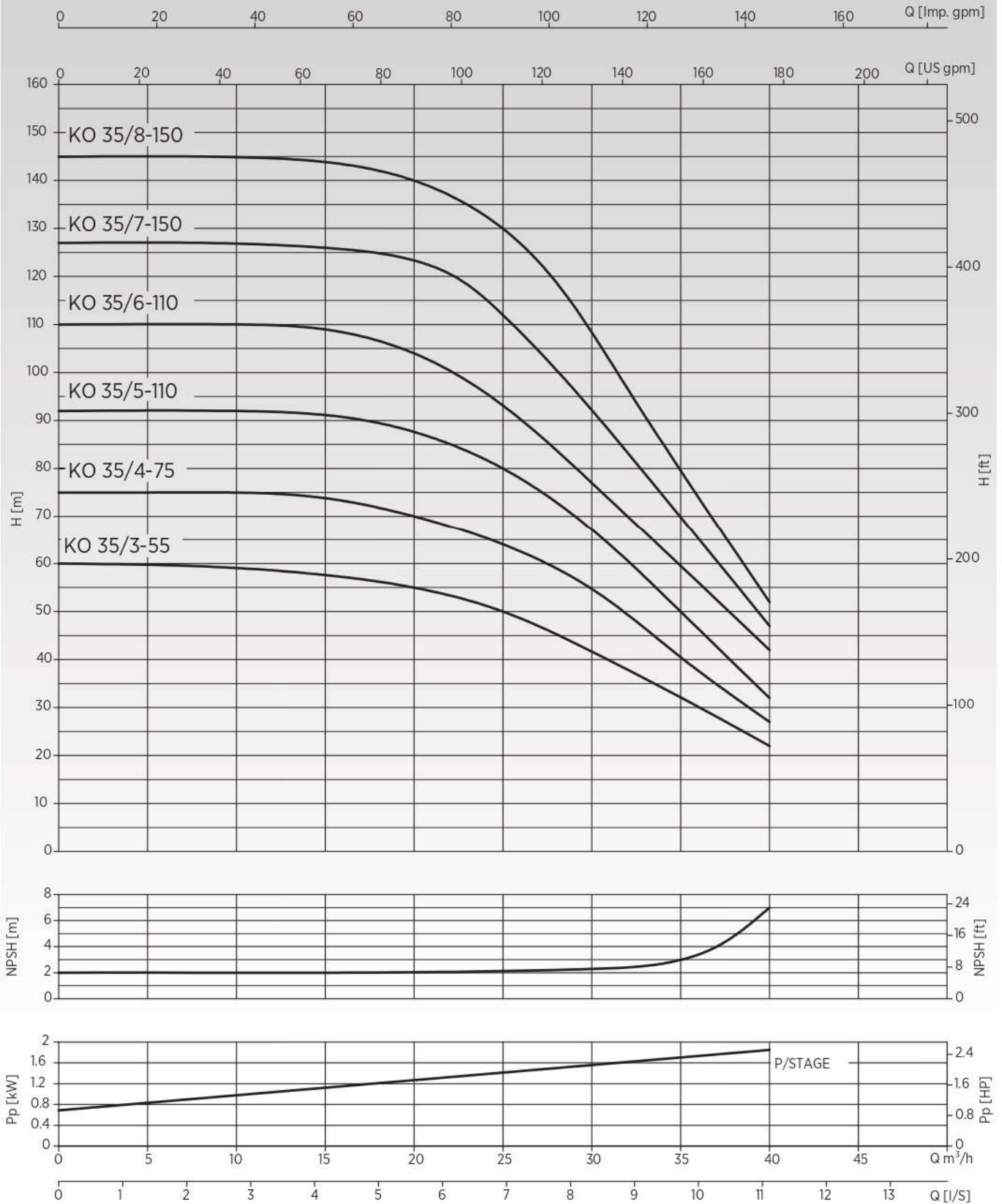
# KO Series Performance Curves

## KO 25 Series



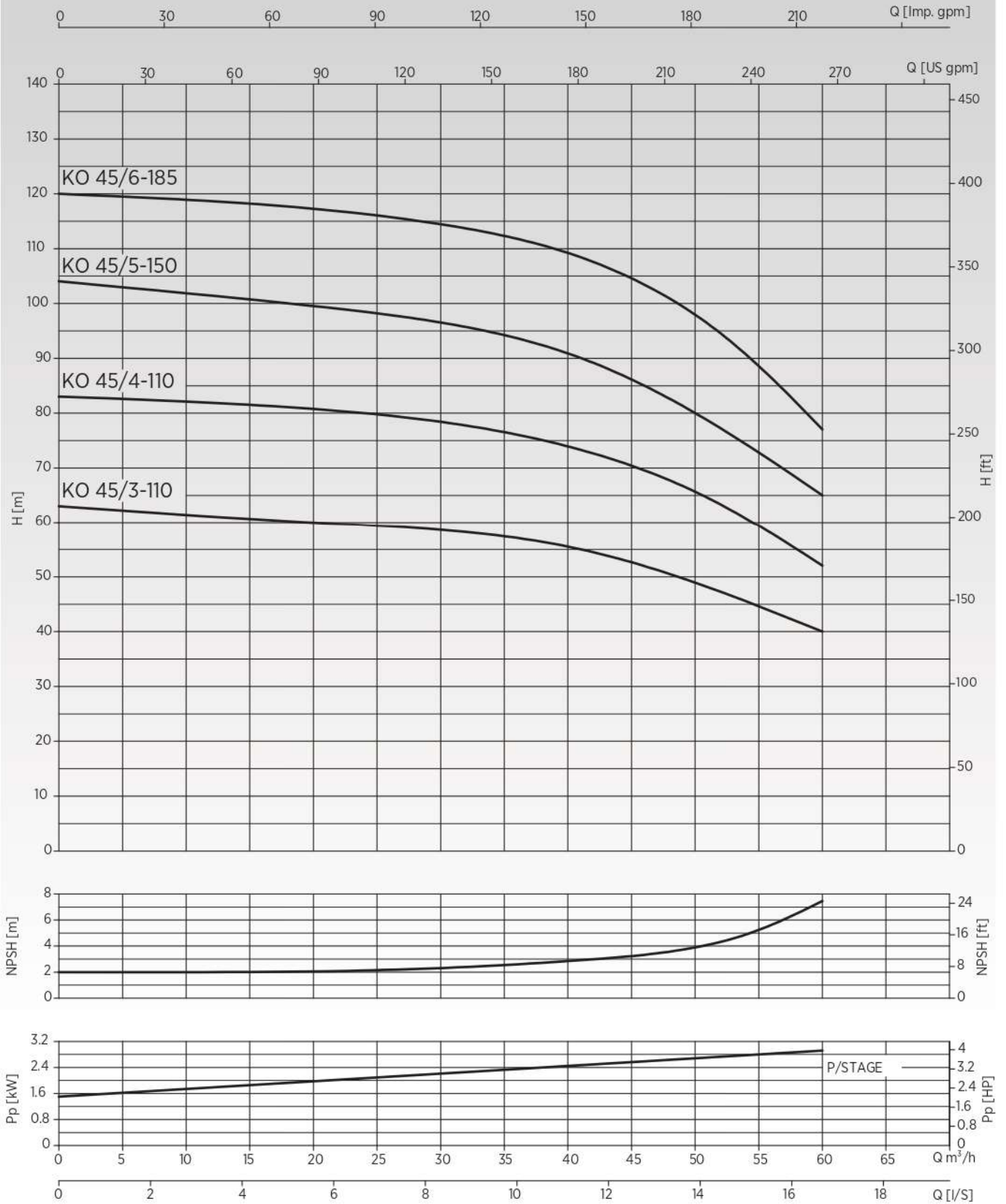


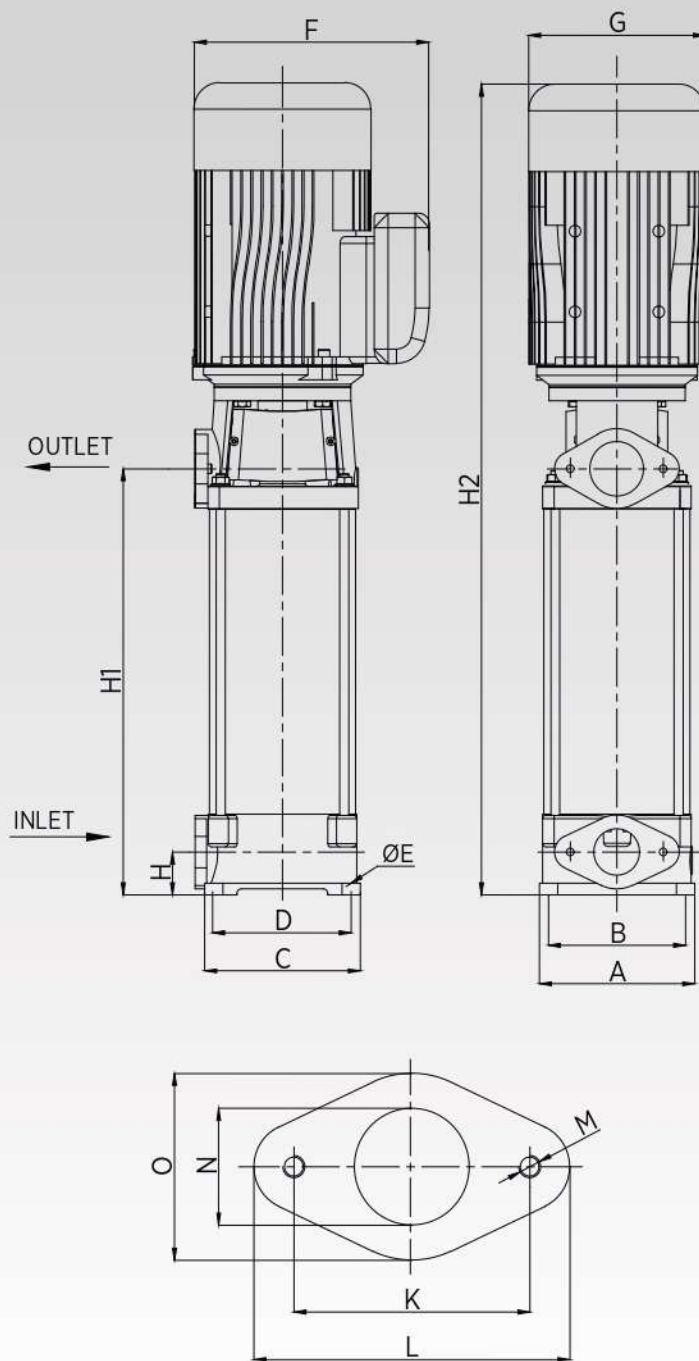
## KO 35 Series



# KO Series Performance Curves

## KO 45 Series





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										
KO 10	Ø42	68	88	117	M10	Ø42	68	88	117	M10
KO 15										
KO 25	Ø80	110	140	170	M12	Ø70	100	120	150	M12
KO 35										
KO 45										

# 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 -22									343	718	220	180	24

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	220	180	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	260	220	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			36
KO 15/7-40									402	815	230	200	37
KO 15/8-55									443	873	43		
KO 15/9-55									482	910	260	220	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			46
KO 25/8-75									644	1020	260	220	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	3"	2 1/2"	175	144	175	144	12	70	348	770	260	220	46
KO 35/4-75									394	816			54
KO 35/5-110									439	960			78
KO 35/6-110									485	1005	320	300	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			114
KO 45/6-185									637	1260	380	310	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

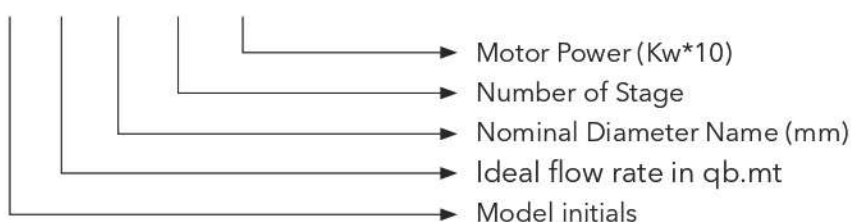
- Pump Body : AISI 304 Stainless Steel
- Impeller & Diffuser : AISI 304 Stainless Steel
- Pump Shaft : AISI 420 Stainless Steel
- Mechanical Seal : Carbon / Ceramic / EPDM

#### Technical Specifications

- Maximum Flow : 28 m<sup>3</sup>/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

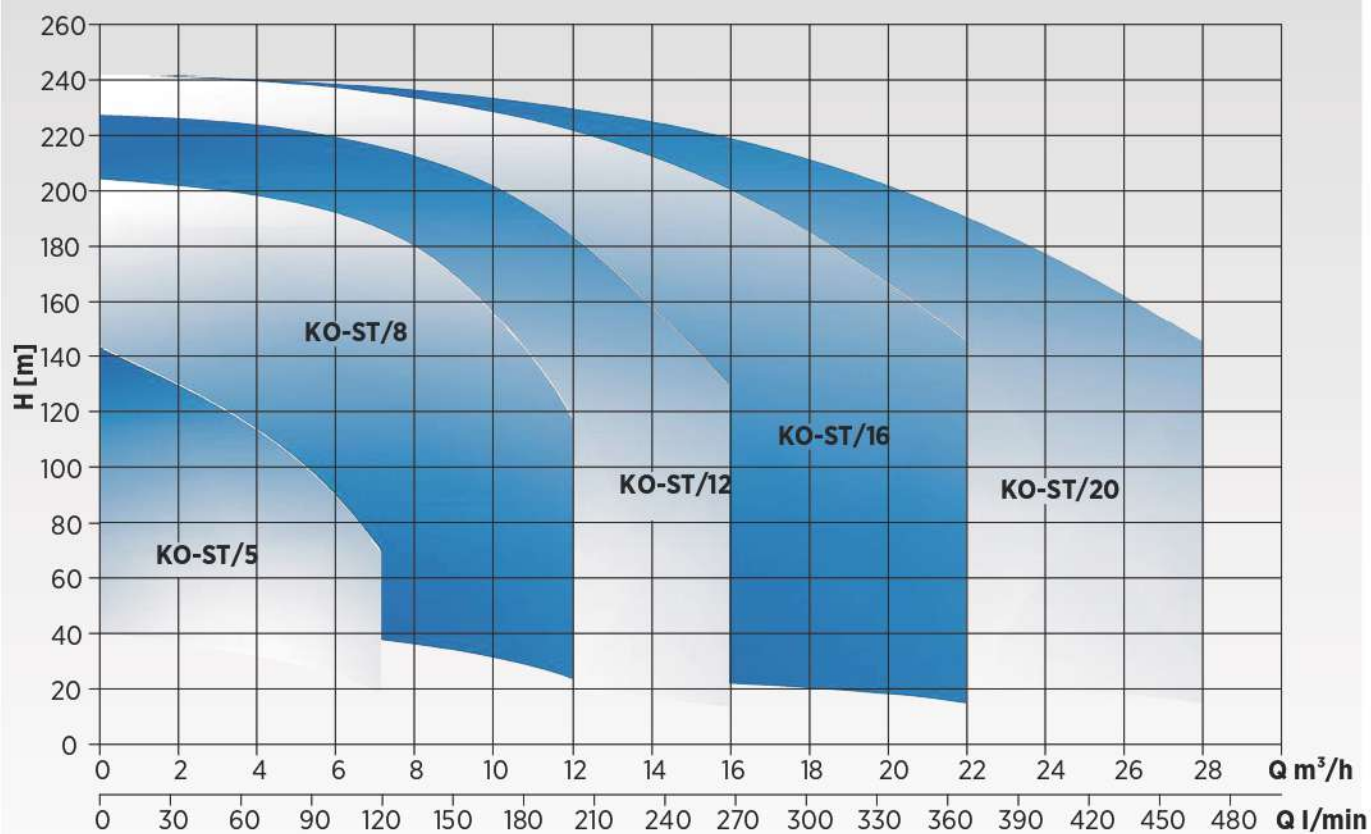
### Identification Code

**KO ST 12 / 11 / 75**



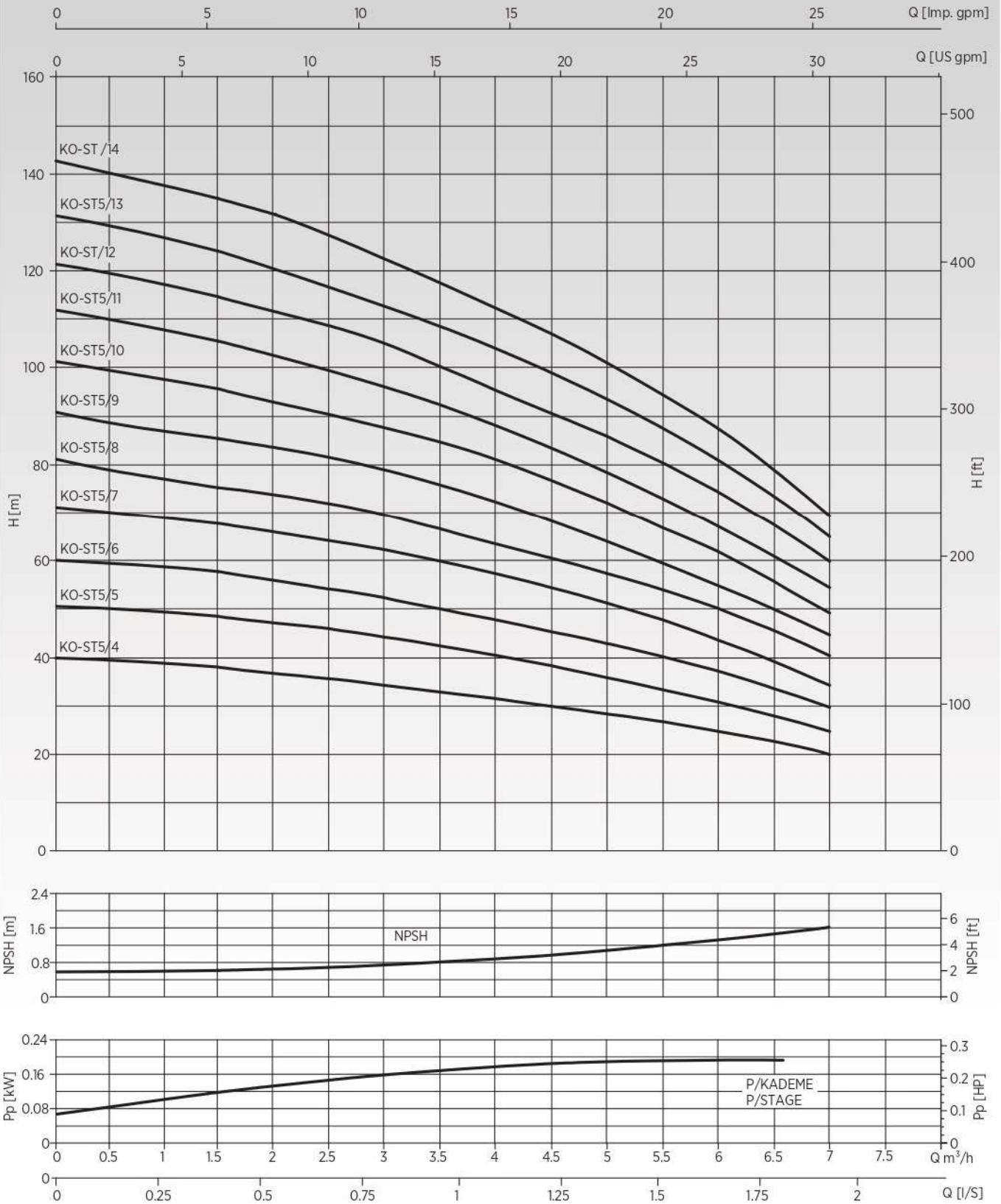


# KO ST Series Family Curves

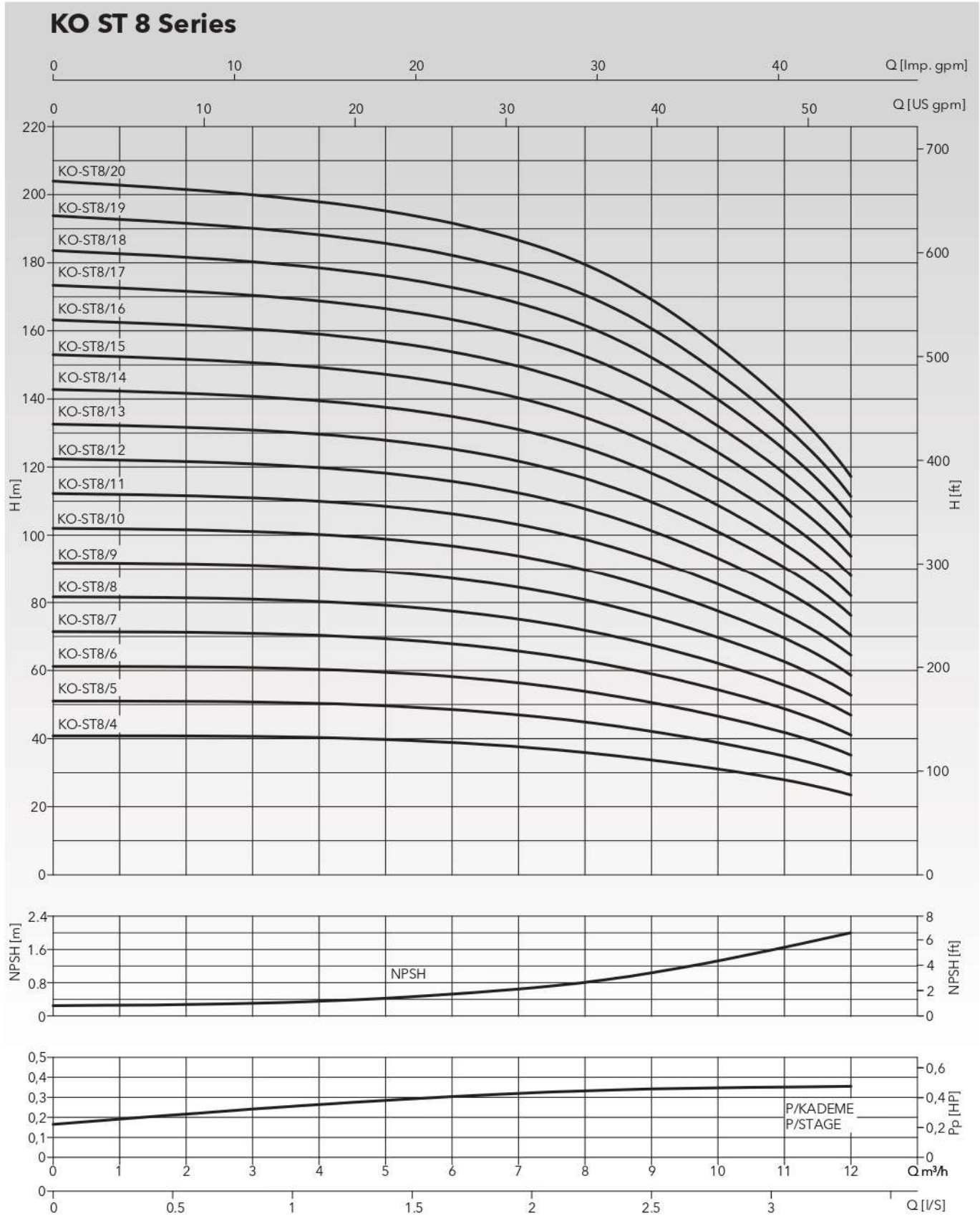




KO ST 5 Series

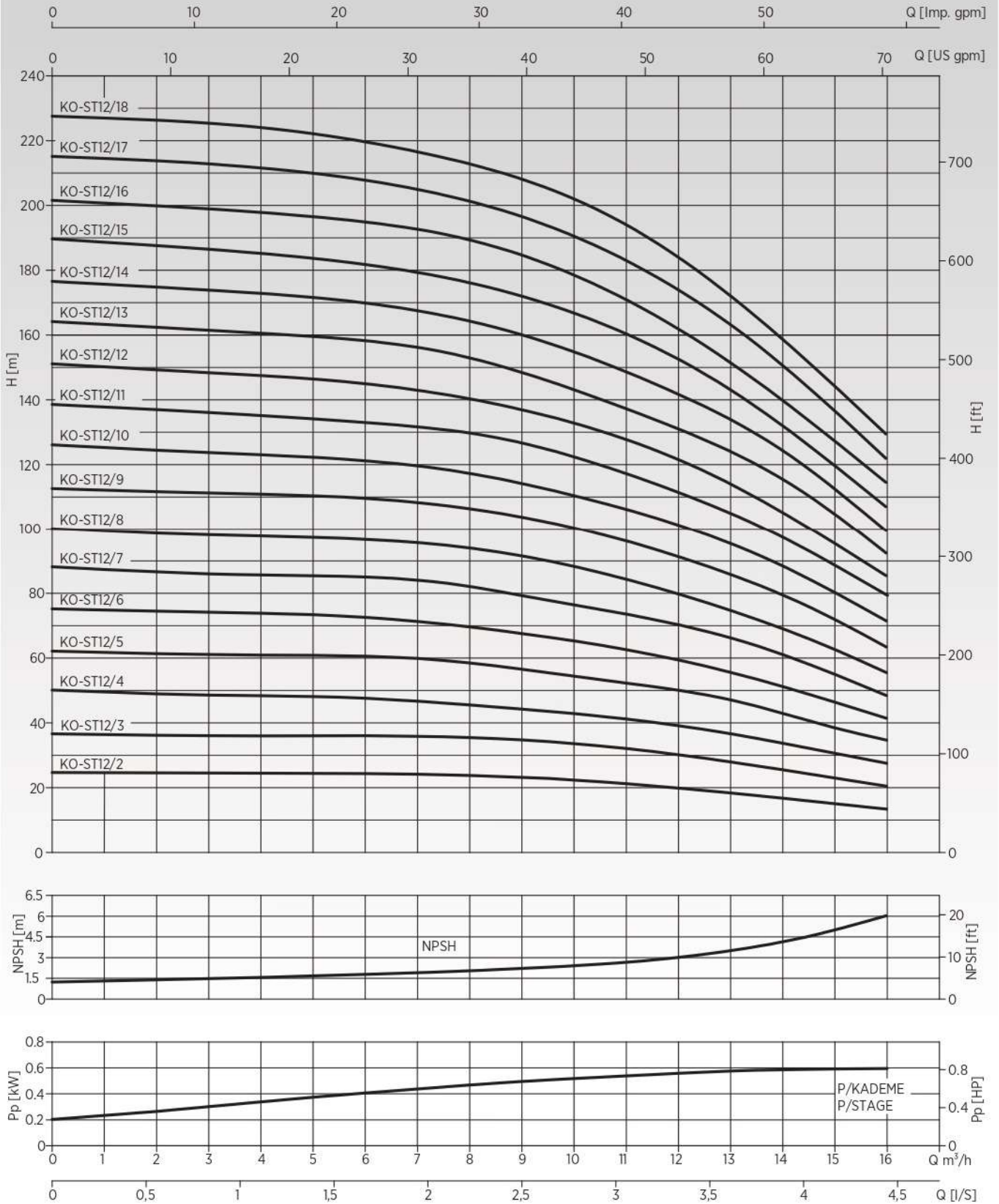


# KO ST Series Performance Curves





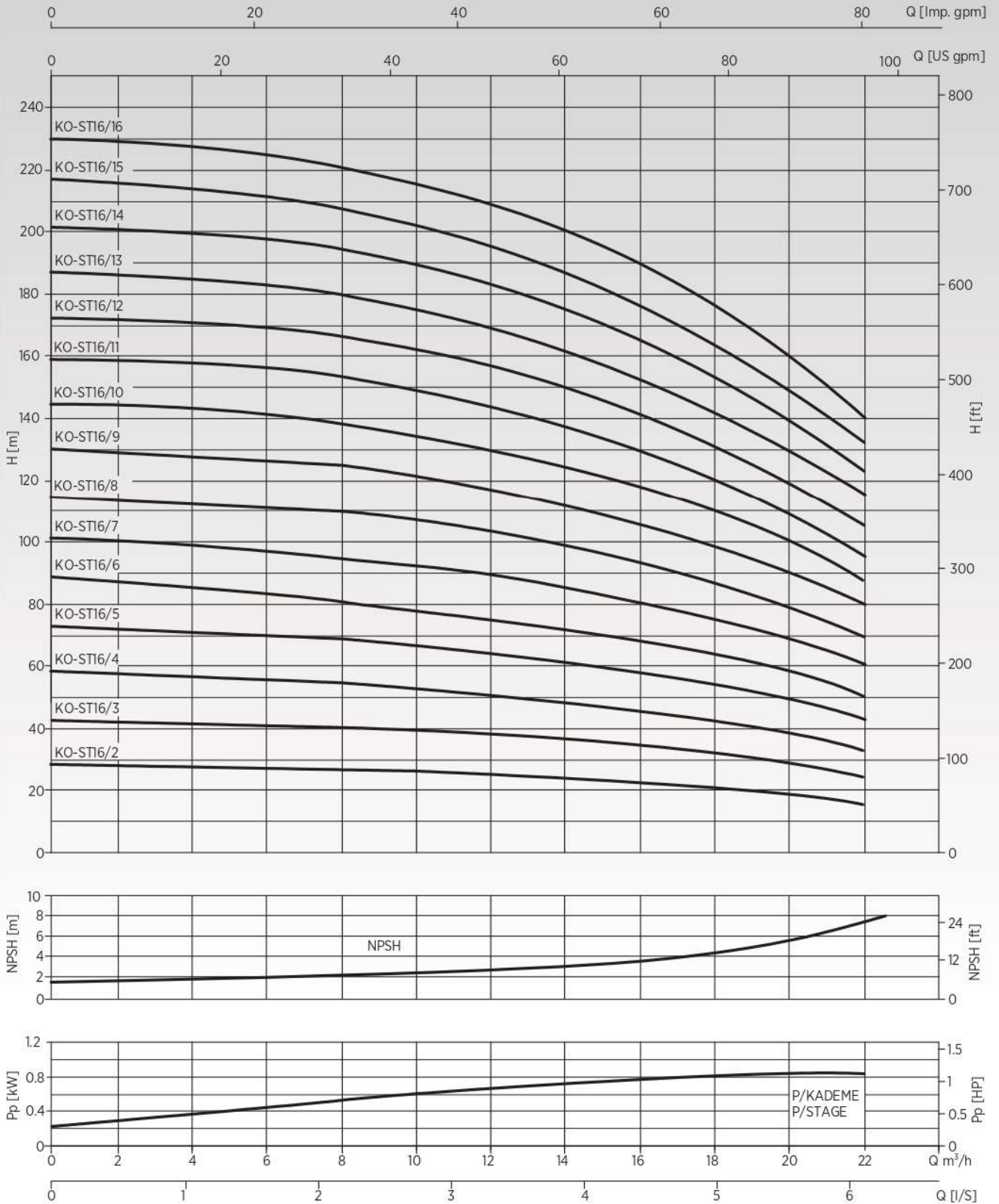
## KO ST 12 Series





# KO ST Series Performance Curves

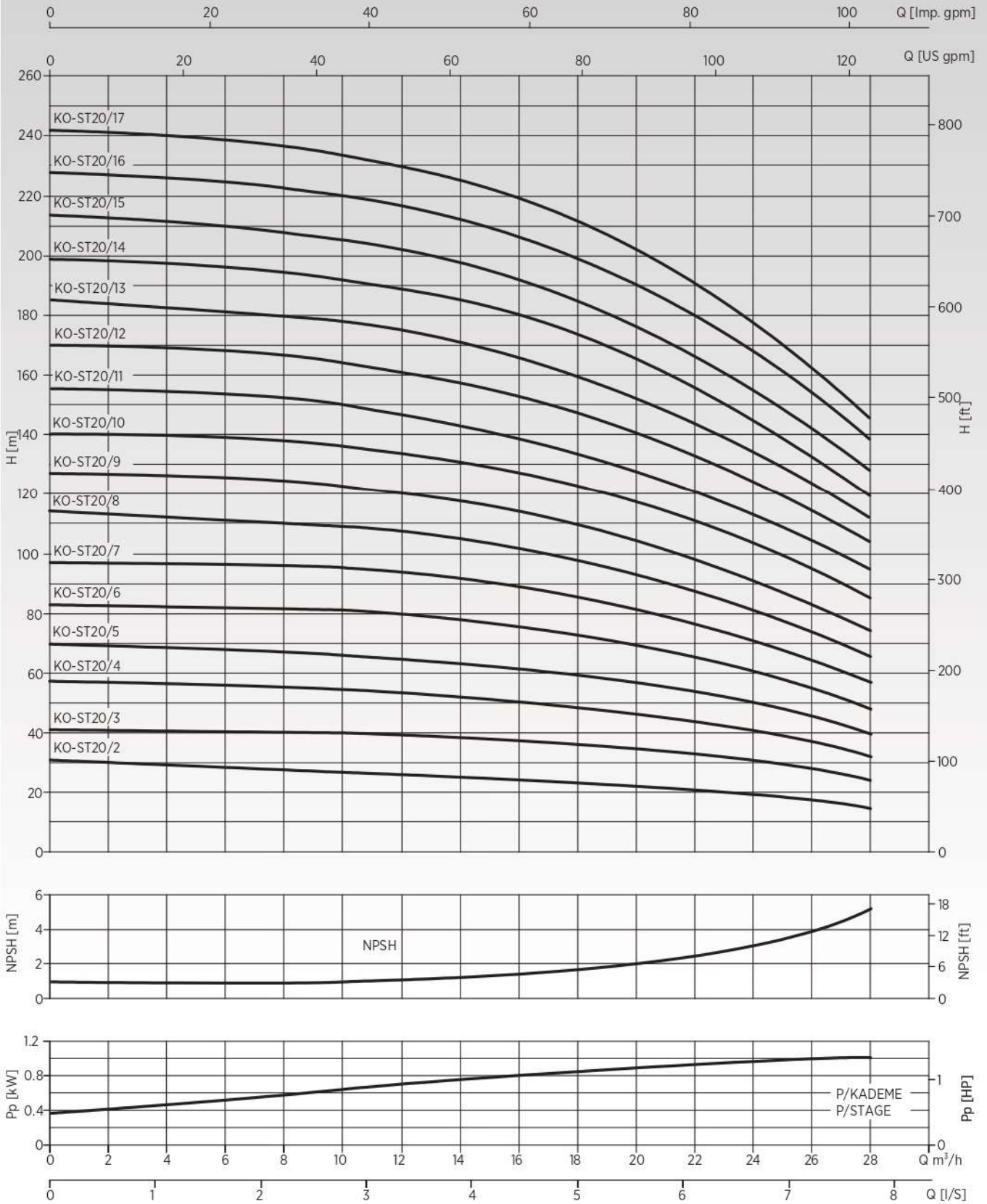
## KO ST 16 Series



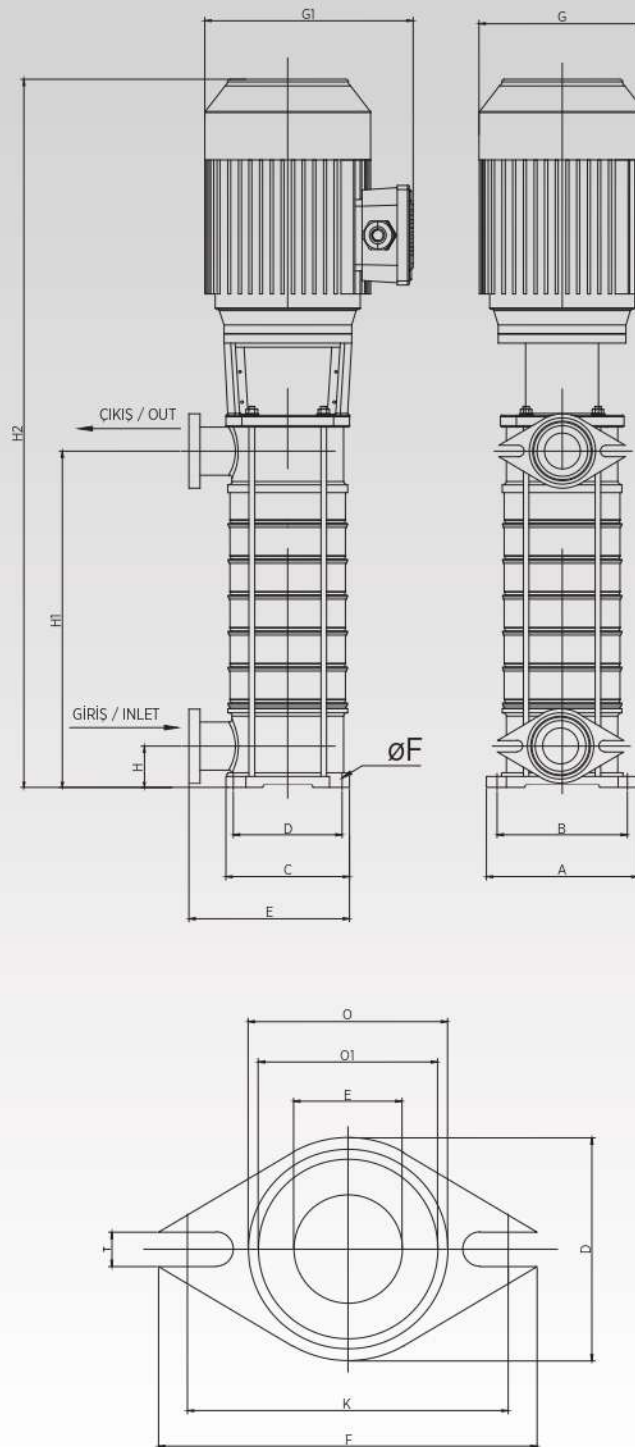




## KO ST 20 Series



# KO ST Series Dimensions and Weights



TYPE	DIMENSIONS						
	D	E	K	F	O	O1	B
KOST - 5	65	27	90	108	51	45	10
KOST - 8	100	55	120	143	95	85	10
KOST - 12	100	55	120	143	95	85	10
KOST - 16	100	55	120	143	95	85	10
KOST - 20	100	55	120	143	95	85	10