

Centrifugal Pump – HPC series

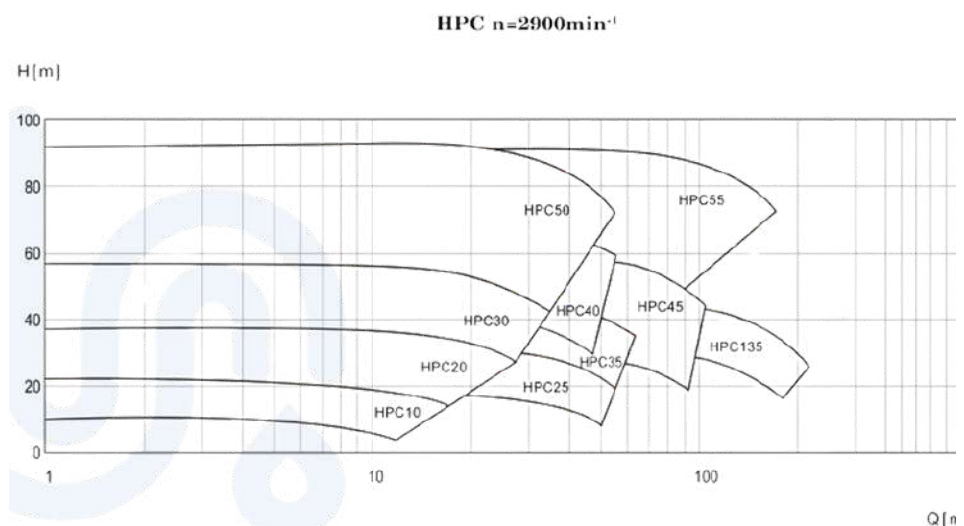


Application

"The pump features an advanced open impeller design, crafted entirely from premium 316L stainless steel for superior corrosion resistance and hygiene. The precision-cast pump body provides exceptional dimensional accuracy, ensuring smooth, stable, and long-lasting operation even under demanding industrial conditions."

Technical specifications

Max flow rate	250 m ³ /h
Max head	90 m
Connection	ISO2037 Clamp SMS Union
Material of the part in contact with liquid	Stainless steel AISI 316L (1.4404)
Maximum working pressure	10 bar
Working temperature	-10°C ~ 140°C
Max speed	2900 rpm
Motor brand	WEG or ABB
Voltage/Frequency	380V/50Hz
Motor protection level	IP55
Motor energy efficiency grade	IE3 IE4
Mechanical seal	Single mechanical seal Double mechanical seal
Mechanical seal material	Silicon carbide Tungsten carbide
Sealing ring material	EPDM FKM FFKM



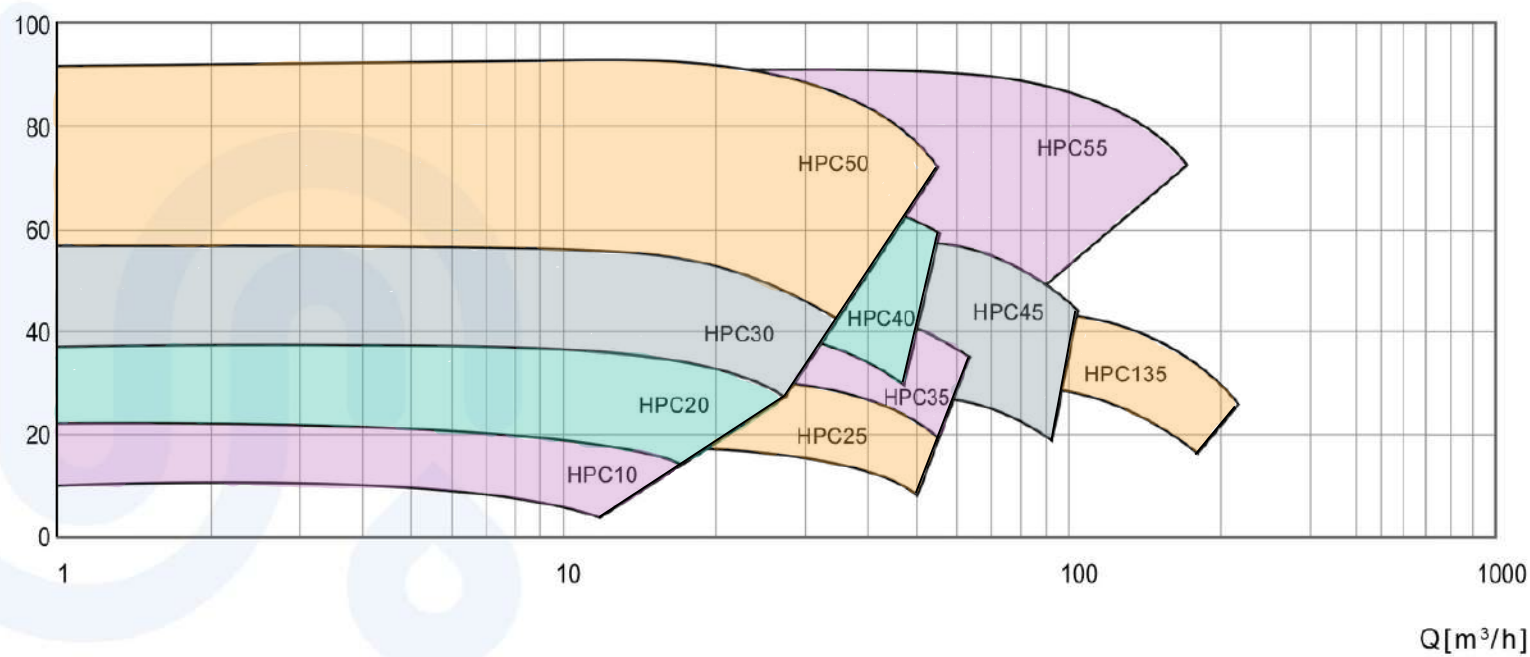
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55/46 Biggerland Moo 3
Lamluka, Lamluka,
Pathumthani, Thailand 12150

HPC n=2900min⁻¹

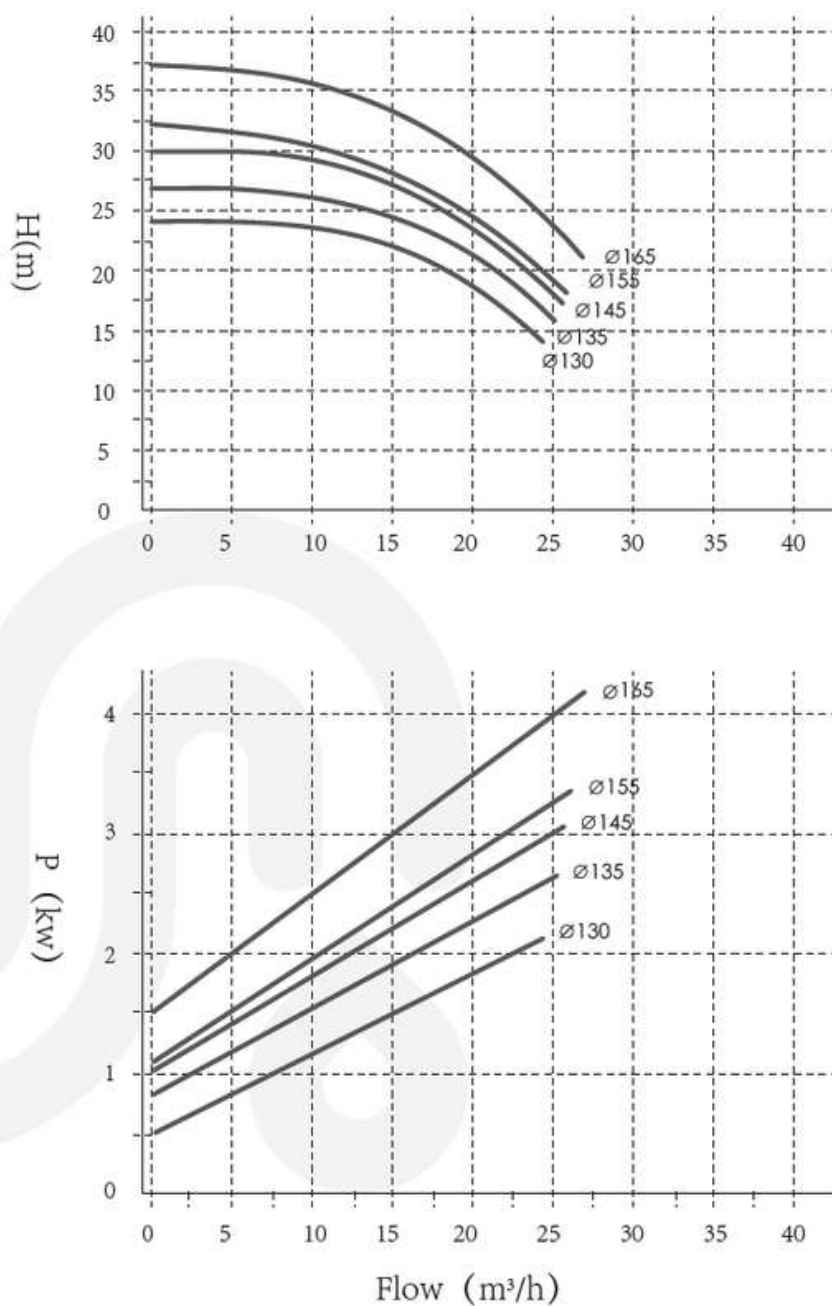
H[m]



Performance Curve

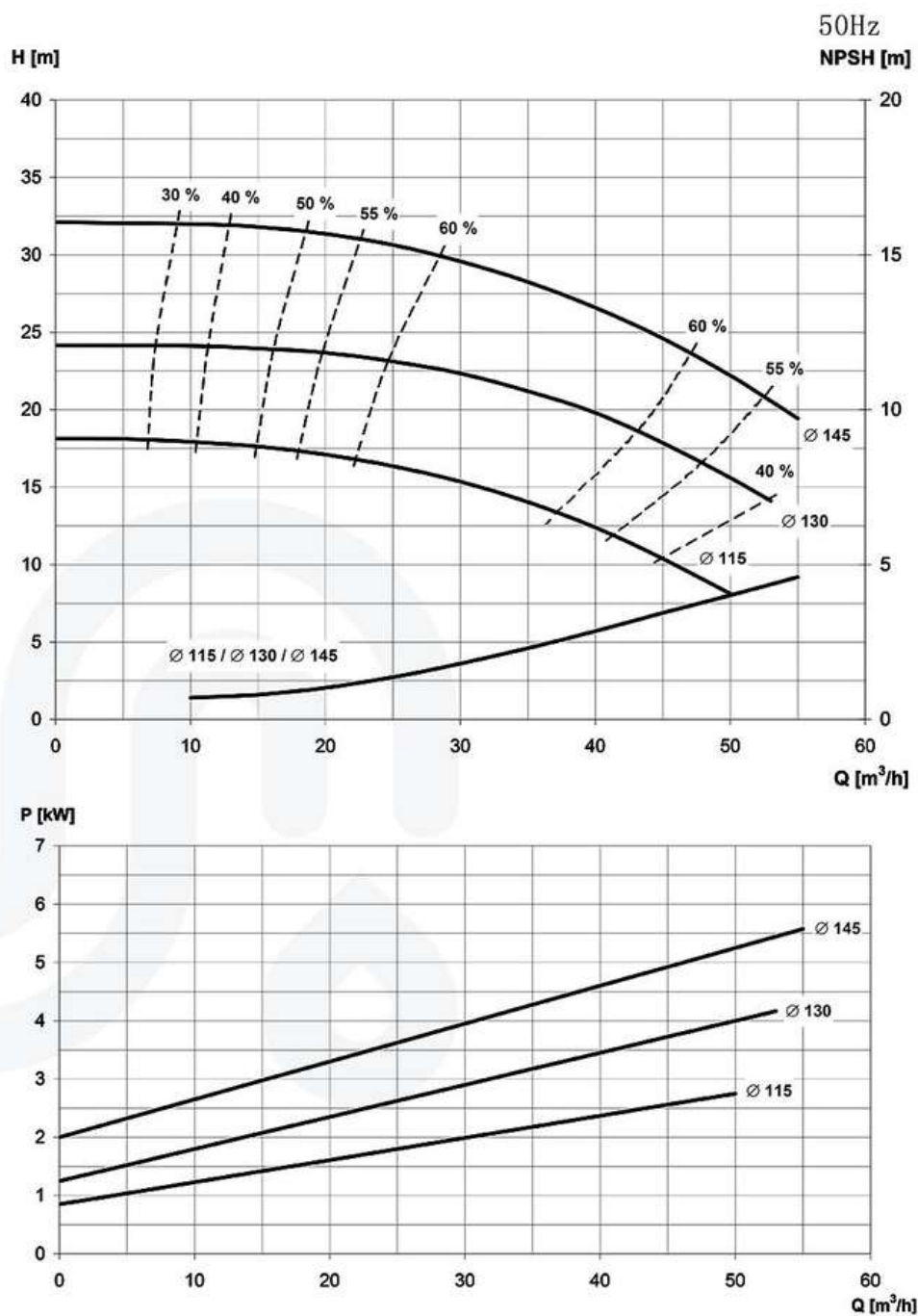
HPC 20

Inlet: 2"
Outlet: 1.5"



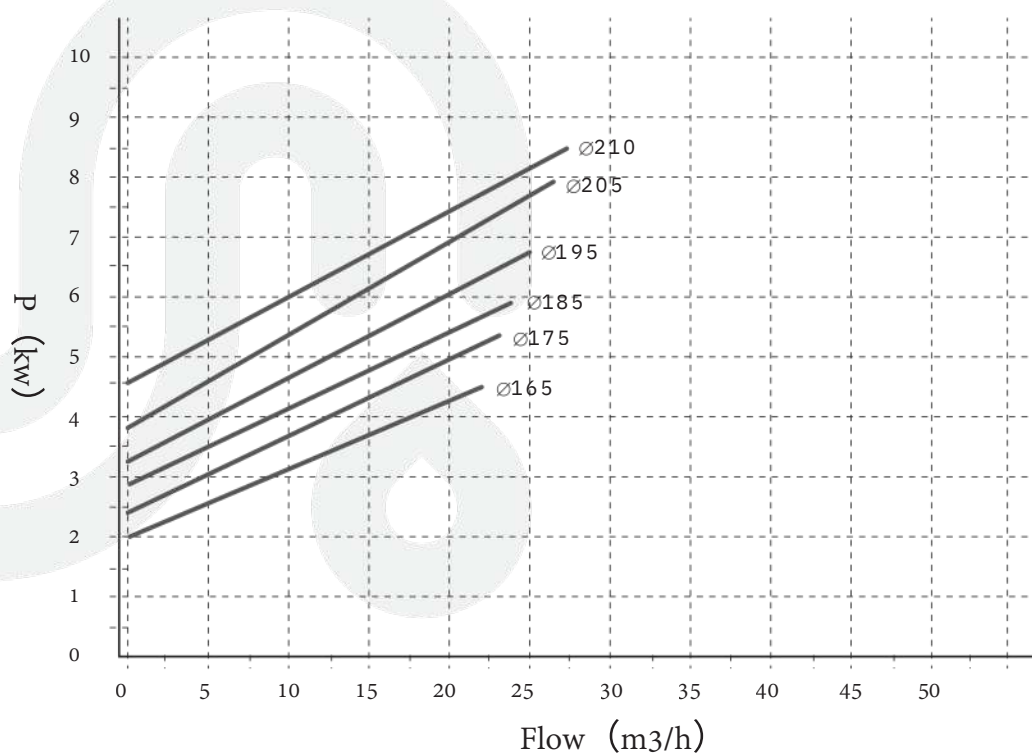
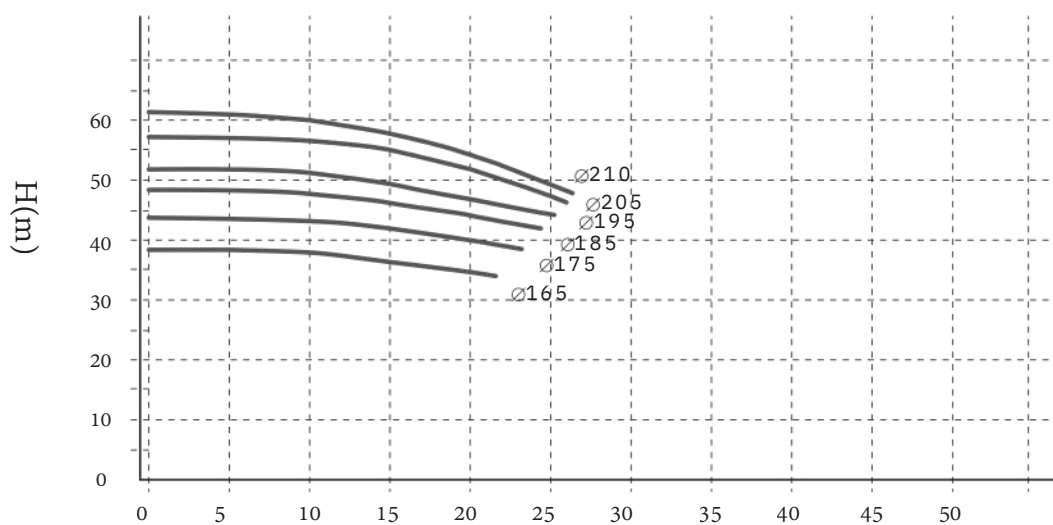
Performance Curve

HPC 25 Inlet: 2.5"
Outlet: 2"



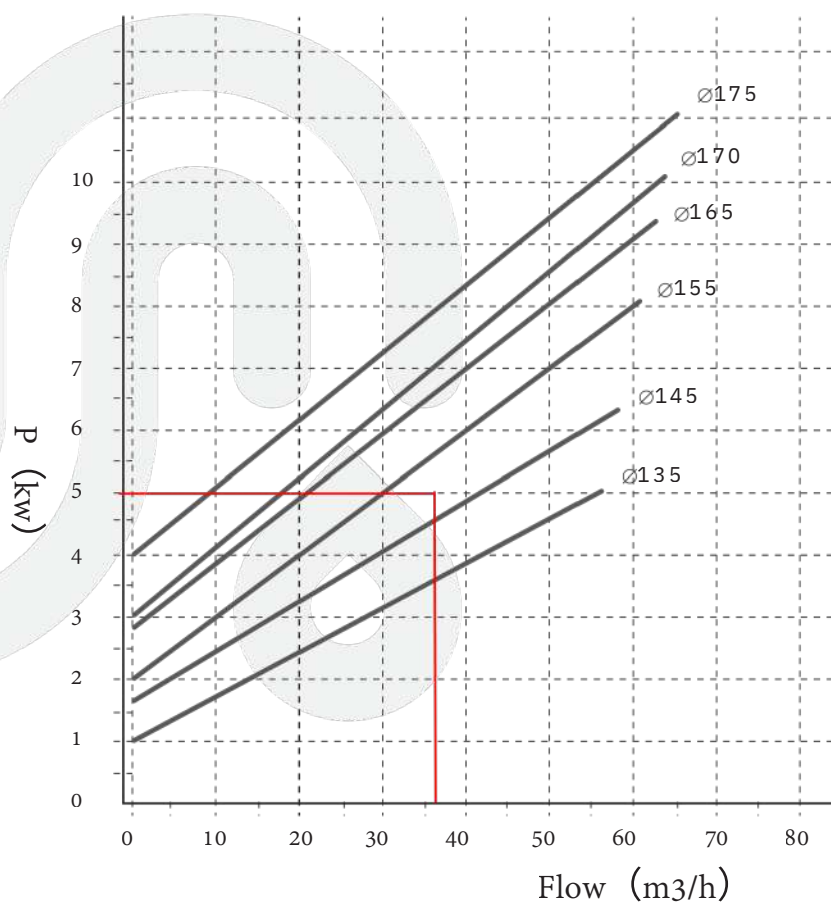
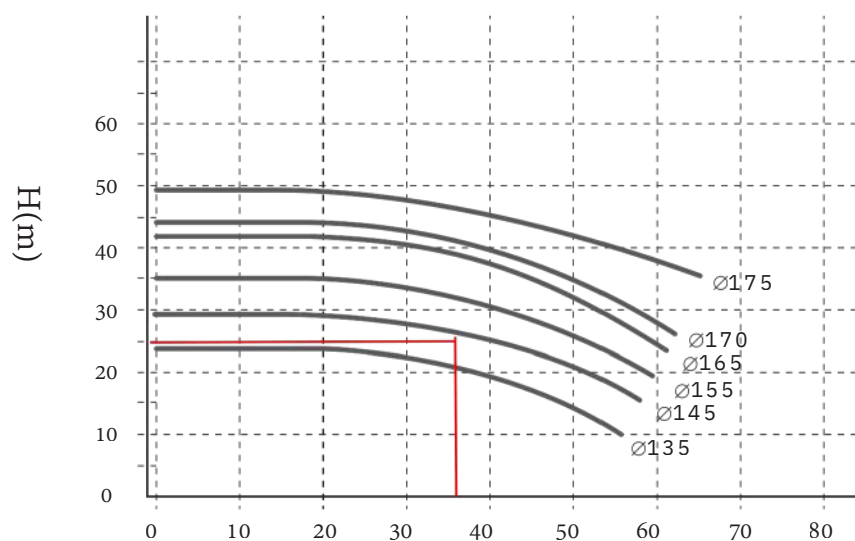
Performance Curve

HPC 30 Inlet: 2.5"
Outlet: 2"



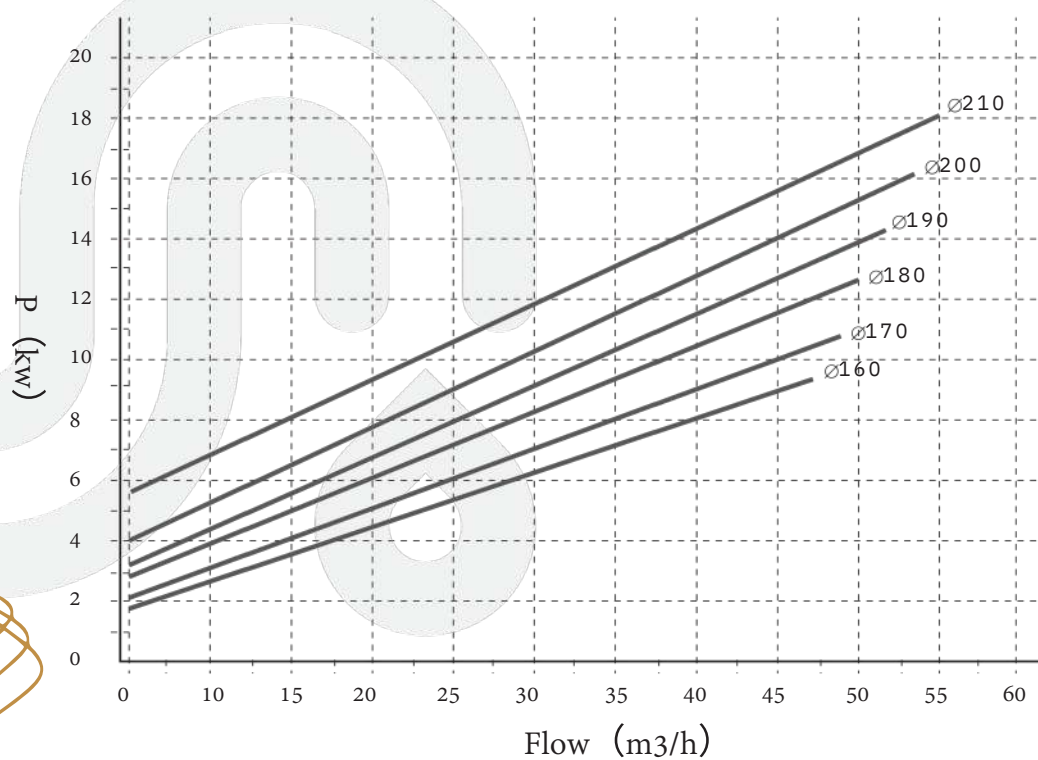
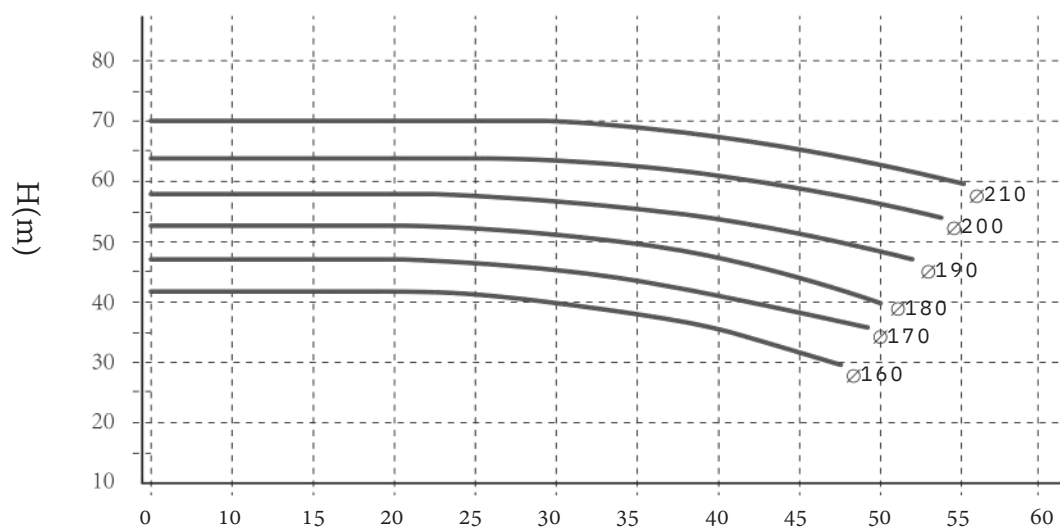
Performance Curve

HPC 35 Inlet: 2.5"
Outlet: 2"



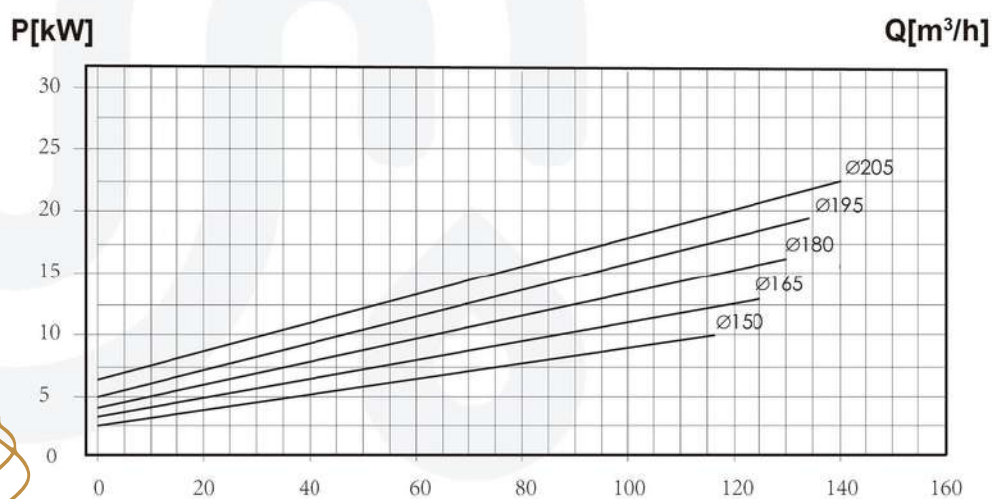
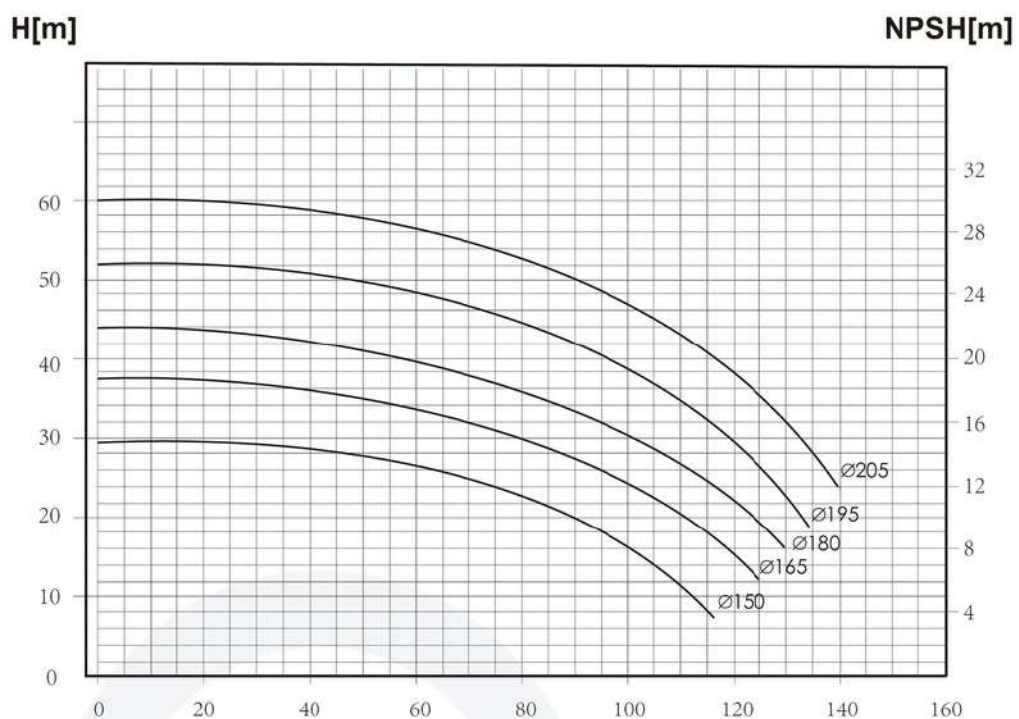
Performance Curve

HPC 40 Inlet: 2.5"
Outlet: 2"



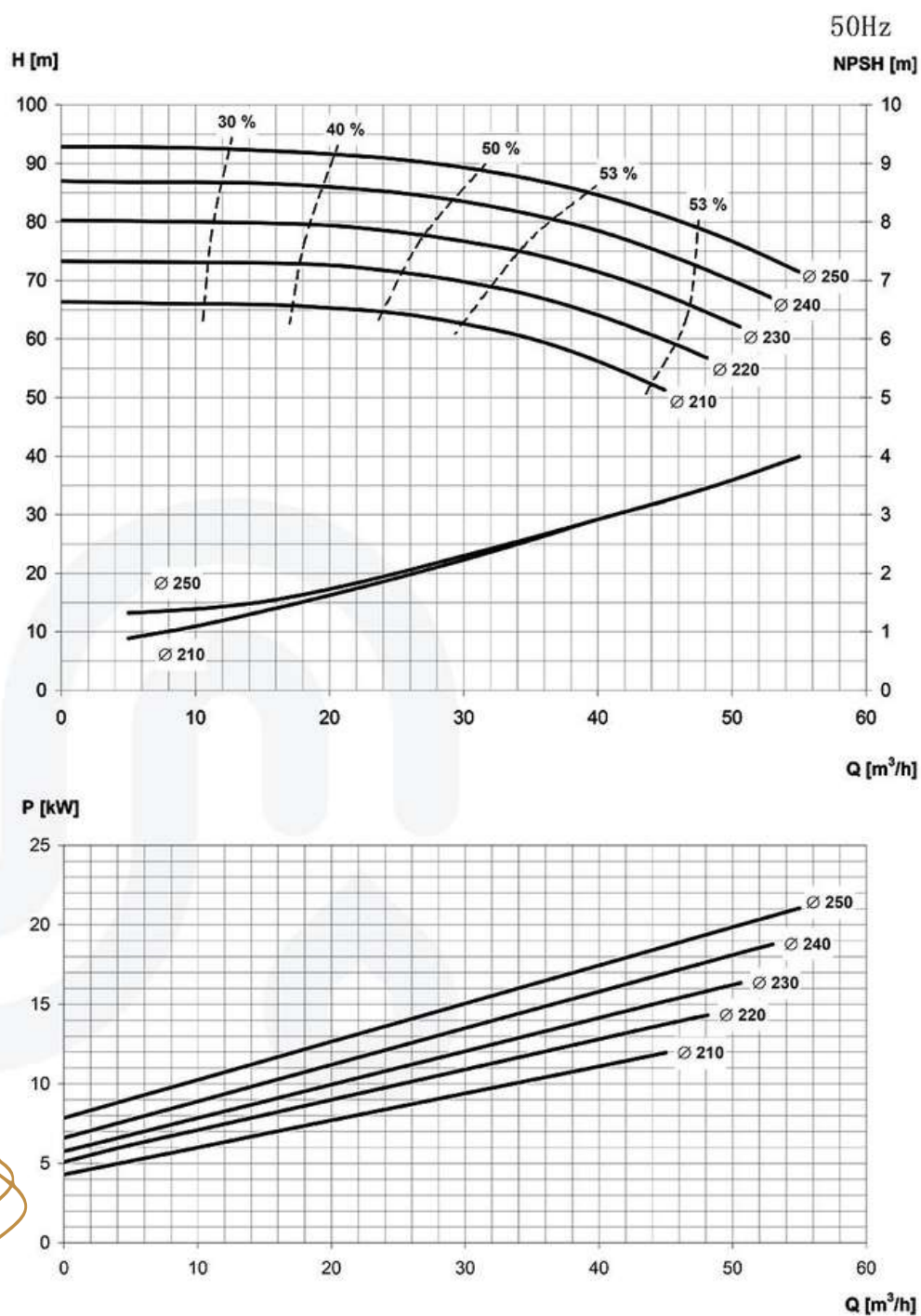
Performance Curve

HPC 45 Inlet: 3"
Outlet: 2.5"



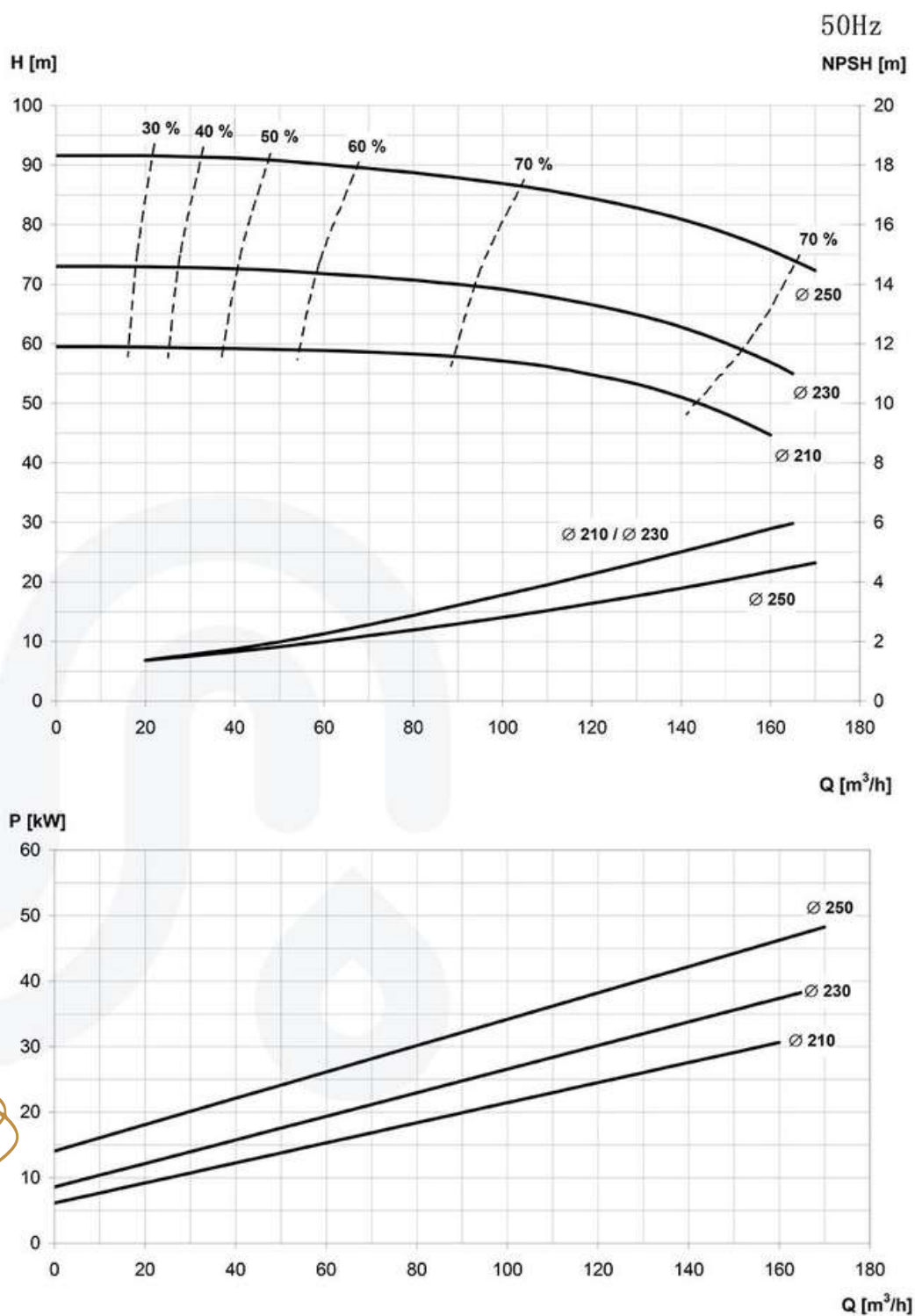
Performance Curve

HPC 50 Inlet: 3"
Outlet: 2"



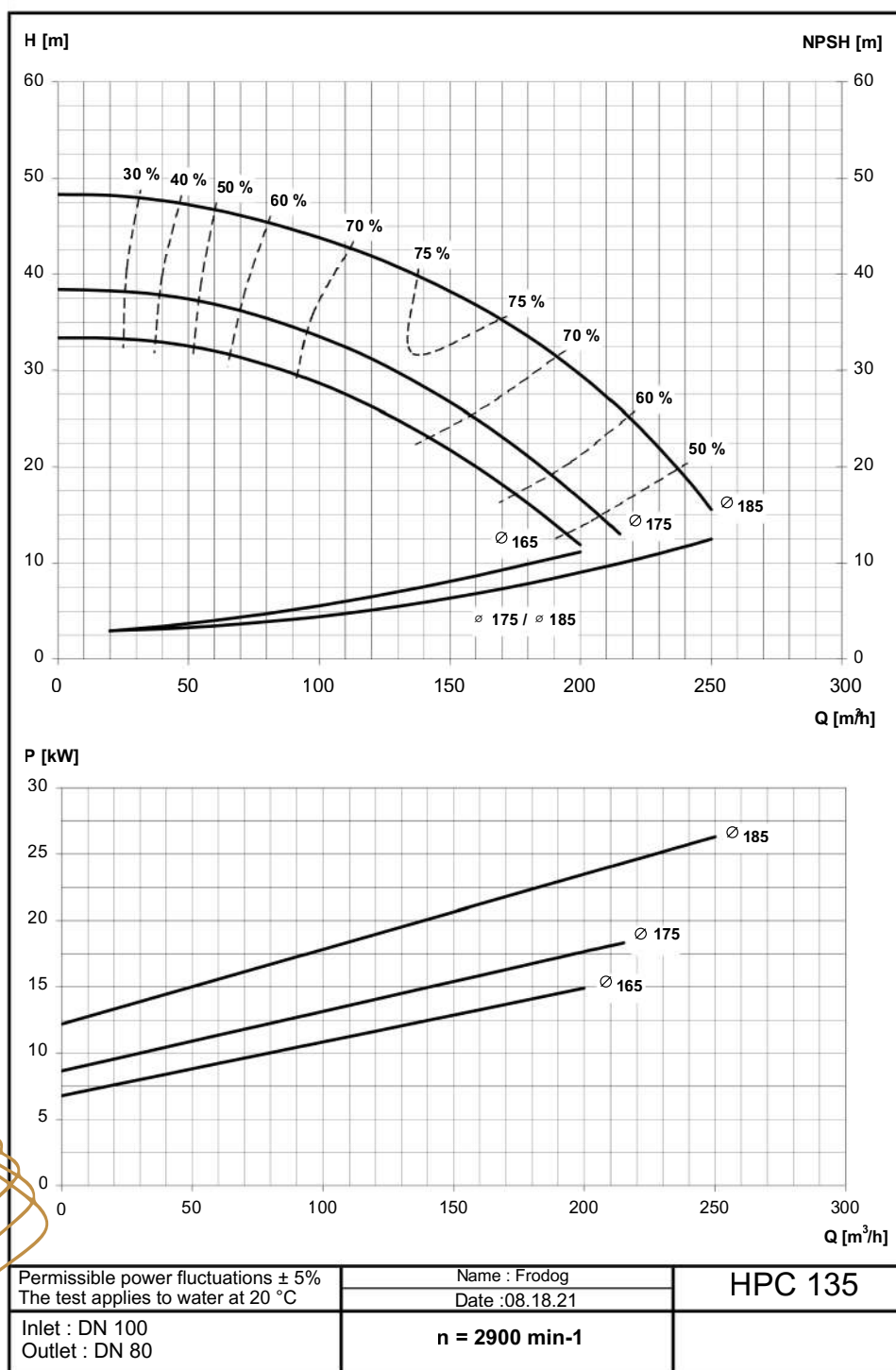
Performance Curve

HPC 55 Inlet: 3"
Outlet: 2.5"

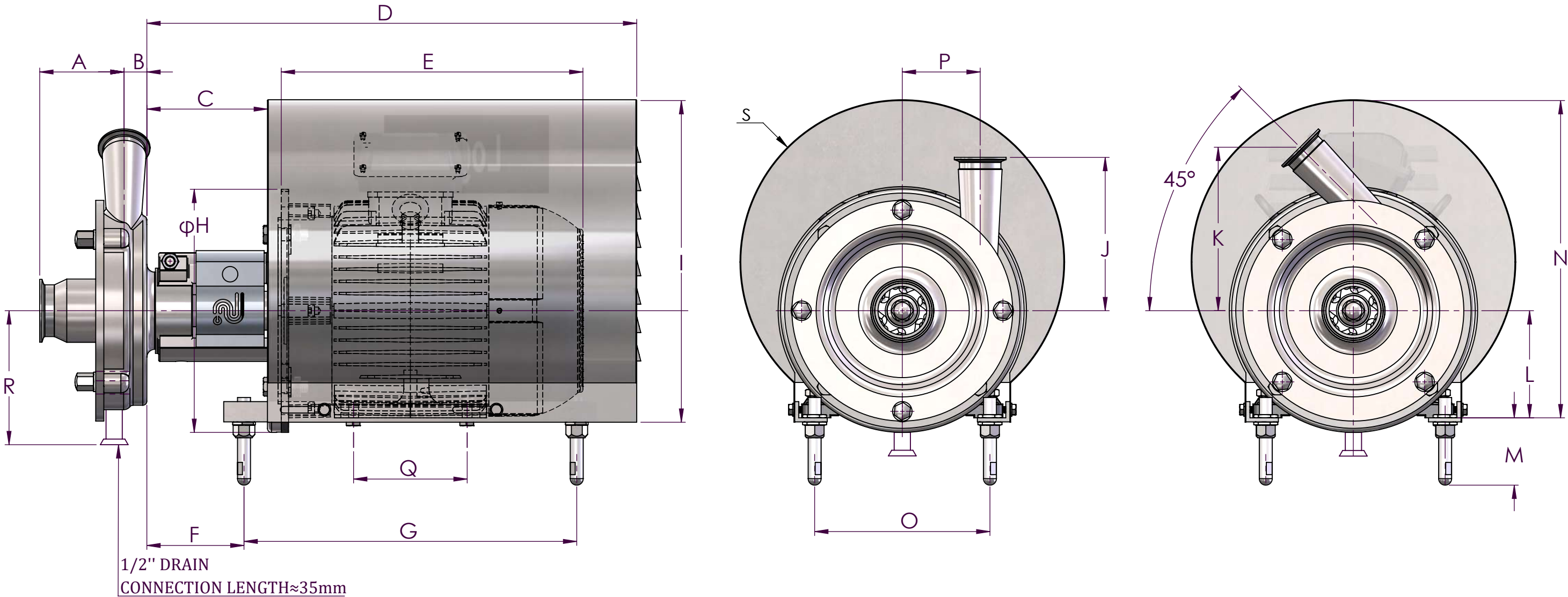


Performance Curve

HPC 135 Inlet: DN100
Outlet: DN80

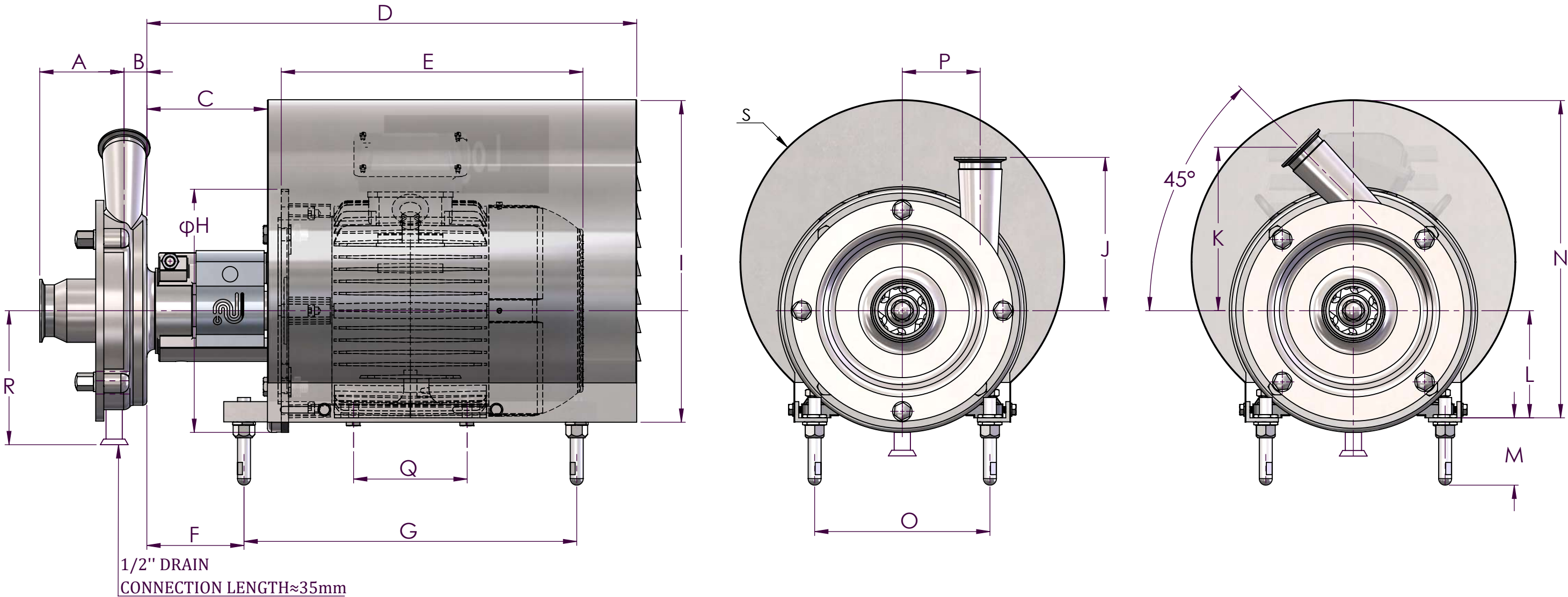


HYPERFLOW Hpc pumps installation configuration



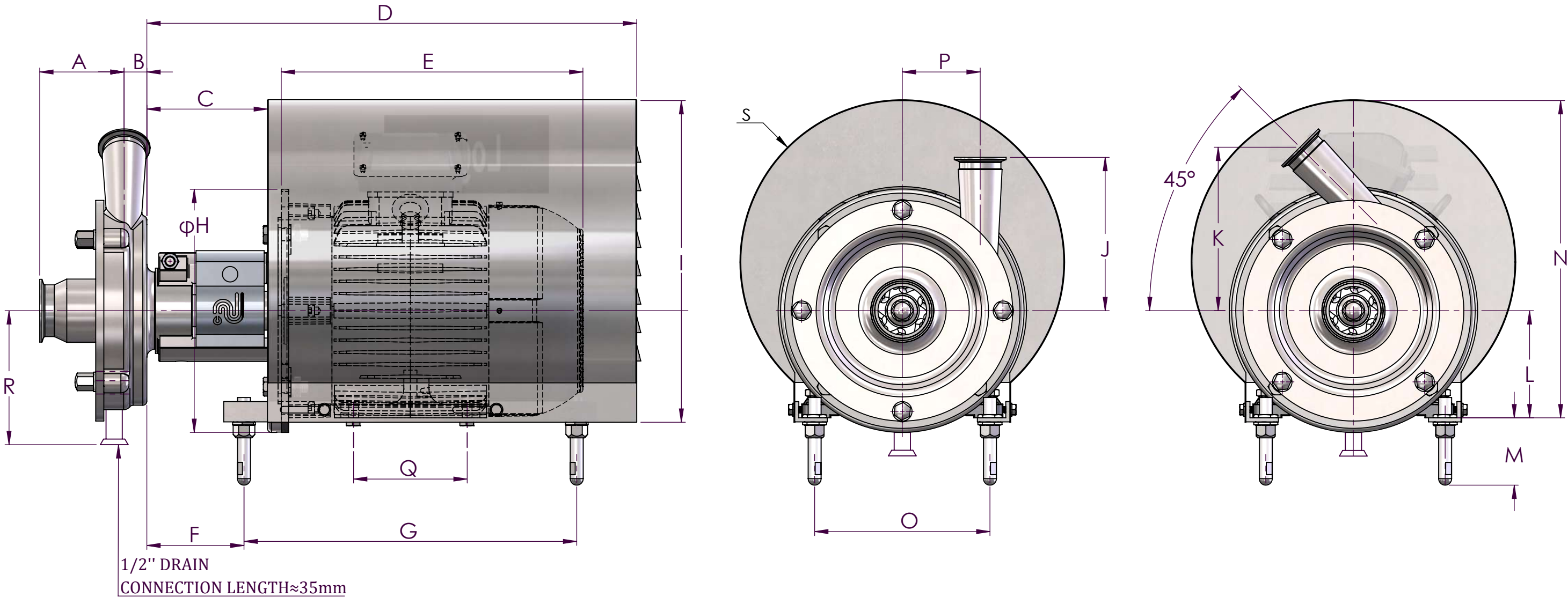
泵型号	进/出口 Tri-clamp	电机 功率 机座号 kW		A	B	C	D	E	F	G	Φ H	I	J	K	L	M	N	O	P	Q	R	Φ S	Approx Weight (kg)													
HPC20	2"/1.5"	1.5	90S	92	18	123	447	270	108	320	200	310	162	170	90	105~120	270	140	75	100	128	300	44													
		2.2	90L					295												125			47													
		3	100L				546	325	100	380	250	315			100	110~125	290	160		96	140	350	60													
HPC30	2.5"/2"	3	100L	104	28	130																	70													
		4	112M			600		335	98	346	189	201	112	85~100	333	190	96	140	148		400	78.5														
		5.5	132S				148													390							132								100	
		7.5	132S																																106.5	
		9.2	132M					430															114.5													

HYPERFLOW Hpc pumps installation configuration



泵型号	进/出口 Tri-clamp	电机 功率 机座号 kW		A	B	C	D	E	F	G	Φ H	I	J	K	L	M	N	O	P	Q	R	Φ S	Approx Weight (kg)													
HPC20	2"/1.5"	1.5	90S	92	18	123	447	270	108	320	200	310	162	170	90	105~120	270	140	75	100	128	300	44													
		2.2	90L					295												125			47													
		3	100L				546	325	100	380	250	315			100	110~125	290	160		96	140	350	60													
HPC30	2.5"/2"	3	100L	104	28	130																	70													
		4	112M			600		335	98	346	189	201	112	85~100	333	190	96	140	148		400	78.5														
		5.5	132S				148													390							132								100	
		7.5	132S																																106.5	
		9.2	132M					430															114.5													

HYPERFLOW Hpc pumps installation configuration

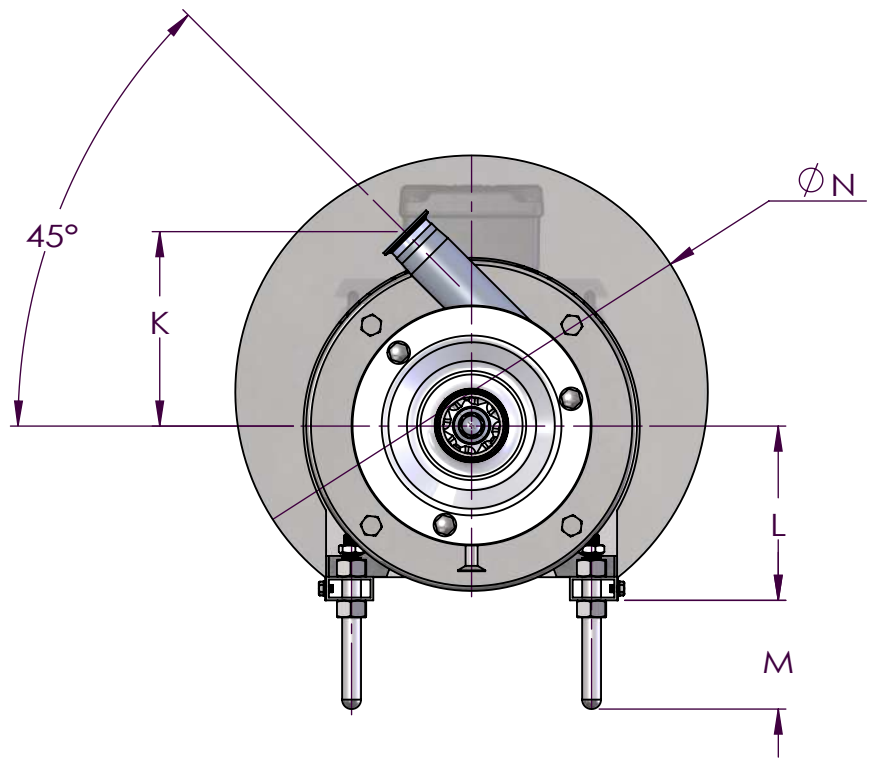
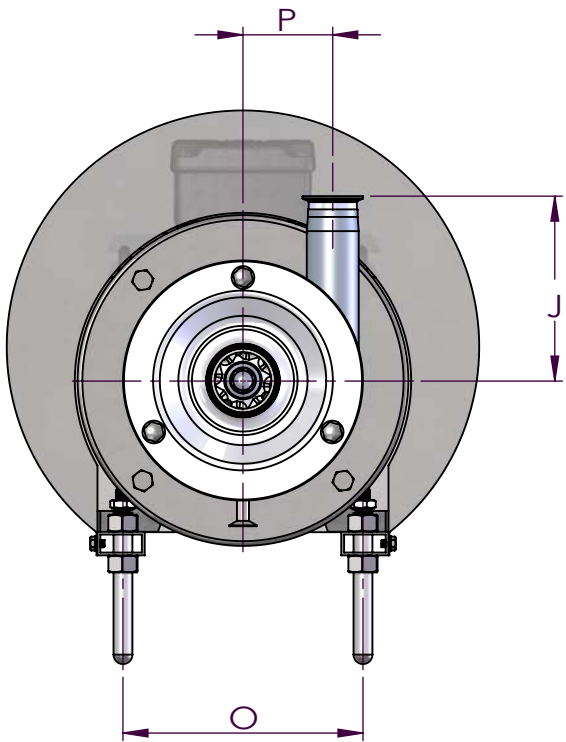
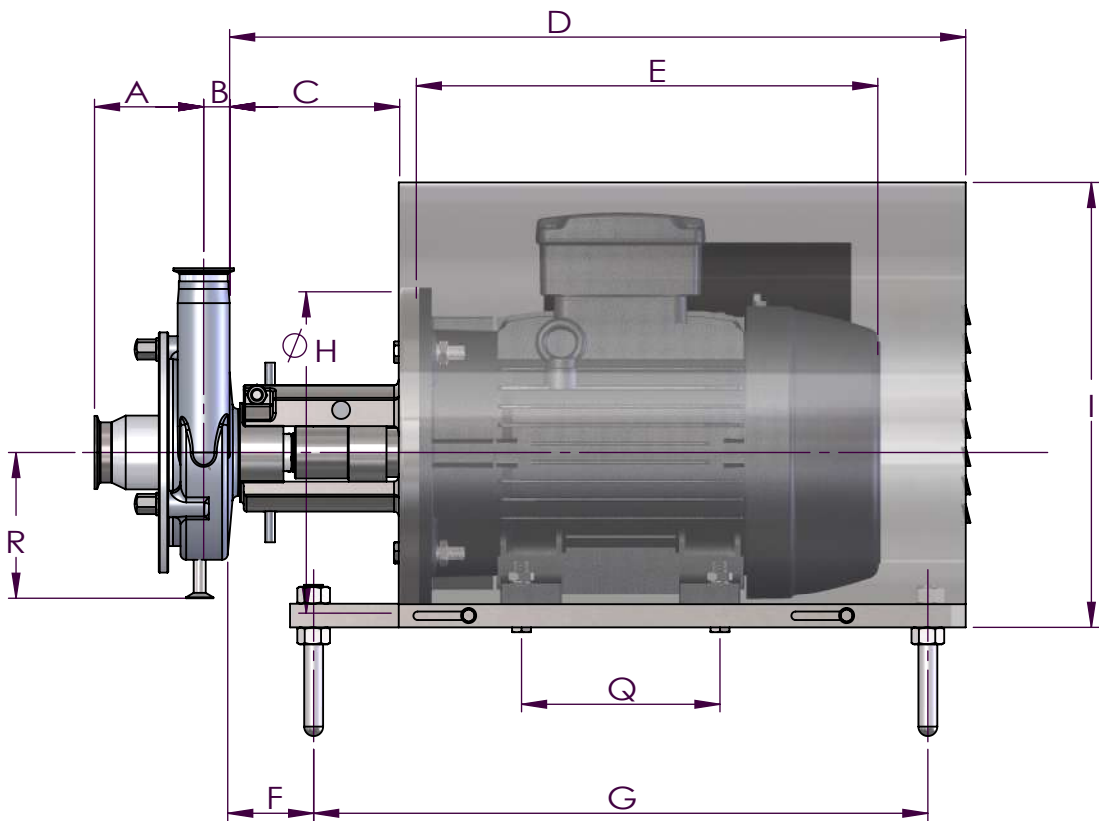


泵型号	进/出口 Tri-clamp	电机 功率 机座号 kW		A	B	C	D	E	F	G	Φ H	I	J	K	L	M	N	O	P	Q	R	Φ S	Approx Weight (kg)												
HPC20	2"/1.5"	1.5	90S	92	18	123	447	270	108	320	200	310	162	170	90	105~120	270	140	75	100	128	300	44												
		2.2	90L					295												125			47												
		3	100L				546	325	100	380	250	315			100	110~125	290	160		96	140	350	60												
HPC30	2.5"/2"	3	100L	104	28	130																	70												
		4	112M			600		335	98	346	189	201	112	85~100	333	190	96	140	148		400	78.5													
		5.5	132S				148		390											132								100							
		7.5	132S																									106.5							
		9.2	132M					430															114.5												

Hyperflow centrifugal pumps installation configuration

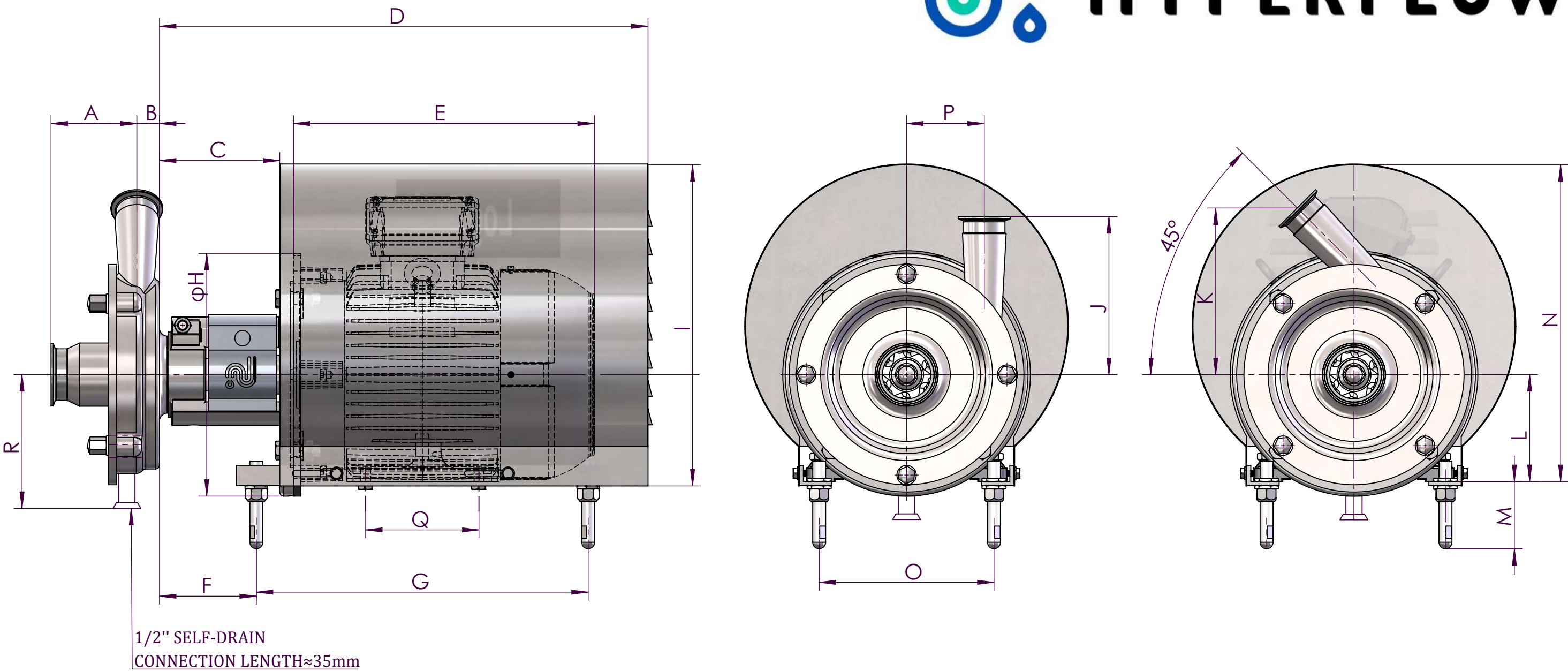


HYPERFLOW
扶冉(上海)流体技术有限公司



泵型号	进出口 Tri- Clamp	电机功率kW/ 机座号	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	
HPC35	2.5"/2"	4	115.5	27.5	130	530	335	100	380	250	338	195	205	116	65~95	350	190	95	140	150	
		5.5			150	600	370	120	410	300	397			133		400	216				178
		7.5					408														
		9.2					180												820		
		11																			
HPC45	3"/2.5"	11/15	130	38	180	780	488	96	640	350	470	205	230	200	68~107	500	254	115	210	169	
		18.5				532	350			500	220			530					279		241
		22				820															

HYPERFLOW HPC pumps installation configuration

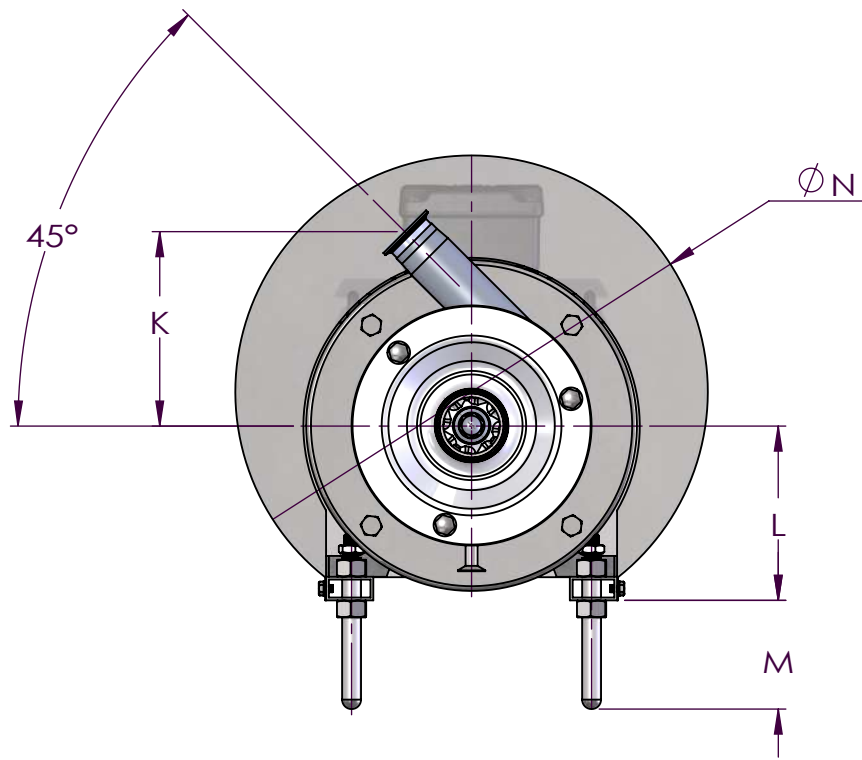
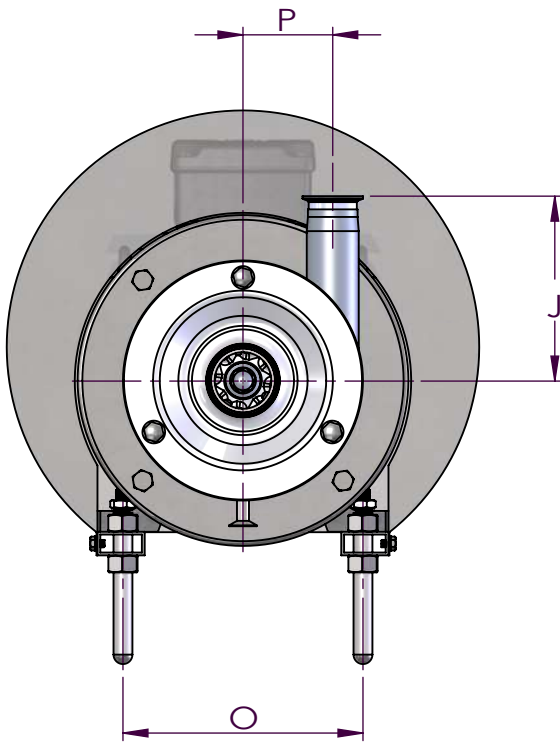
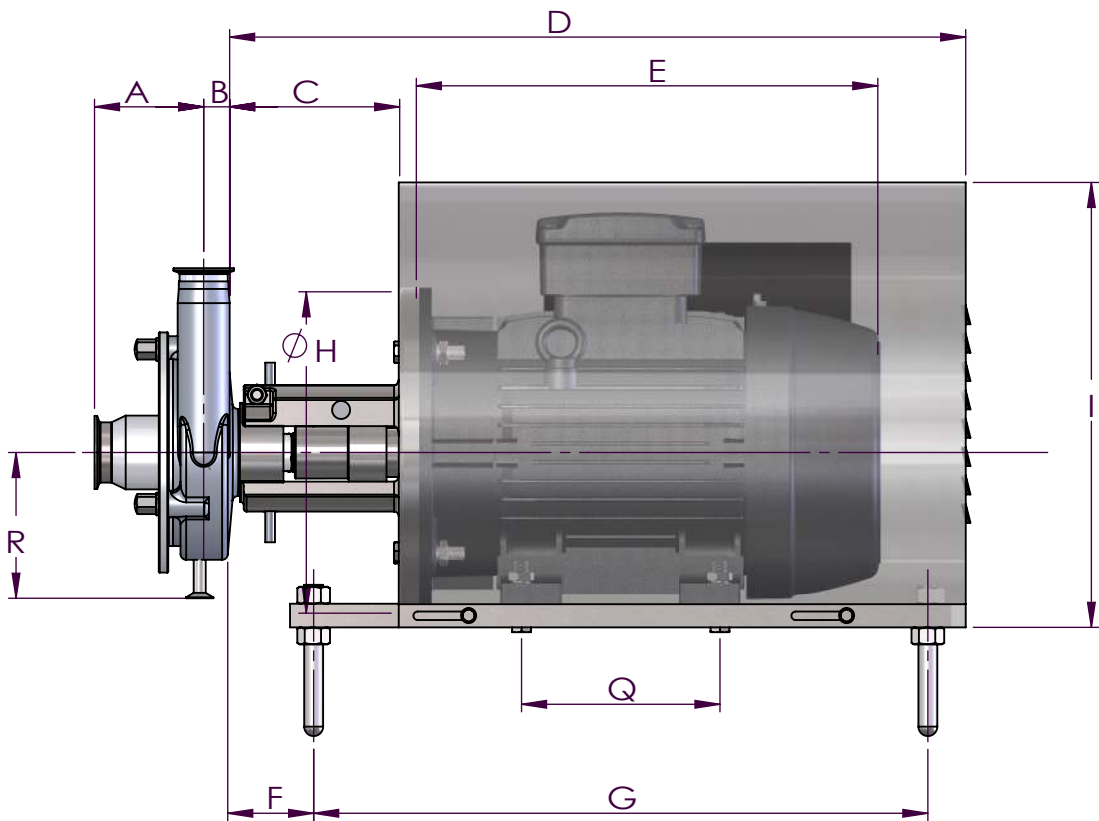


泵型号	进/出口 Tri-clamp	电机 功率 机座号 kW		A	B	C	D	E	F	G	ΦH	I	J	K	L	M	N	O	P	Q	R
HPC40	2.5"/2"	7.5	132S	106	28	148	600	390	120	420	300	393	189	205	160	80~100	390	216	96	140	150
		11	160M			178	830	502	65	640	350	475				120~160	445	254		210	
		15	160M					546												254	
		18.5	160M																		

Hyperflow centrifugal pumps installation configuration

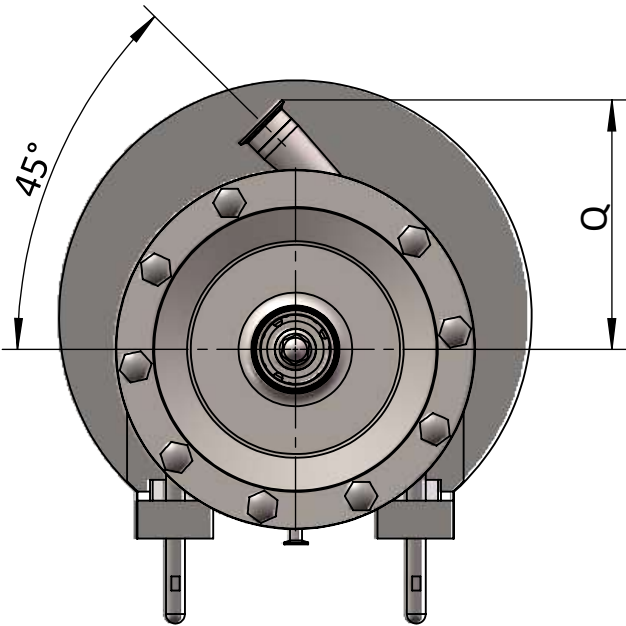
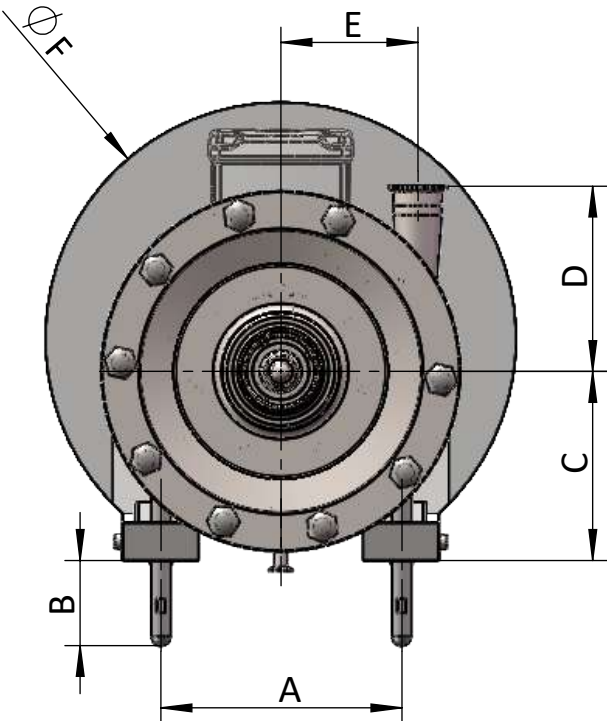
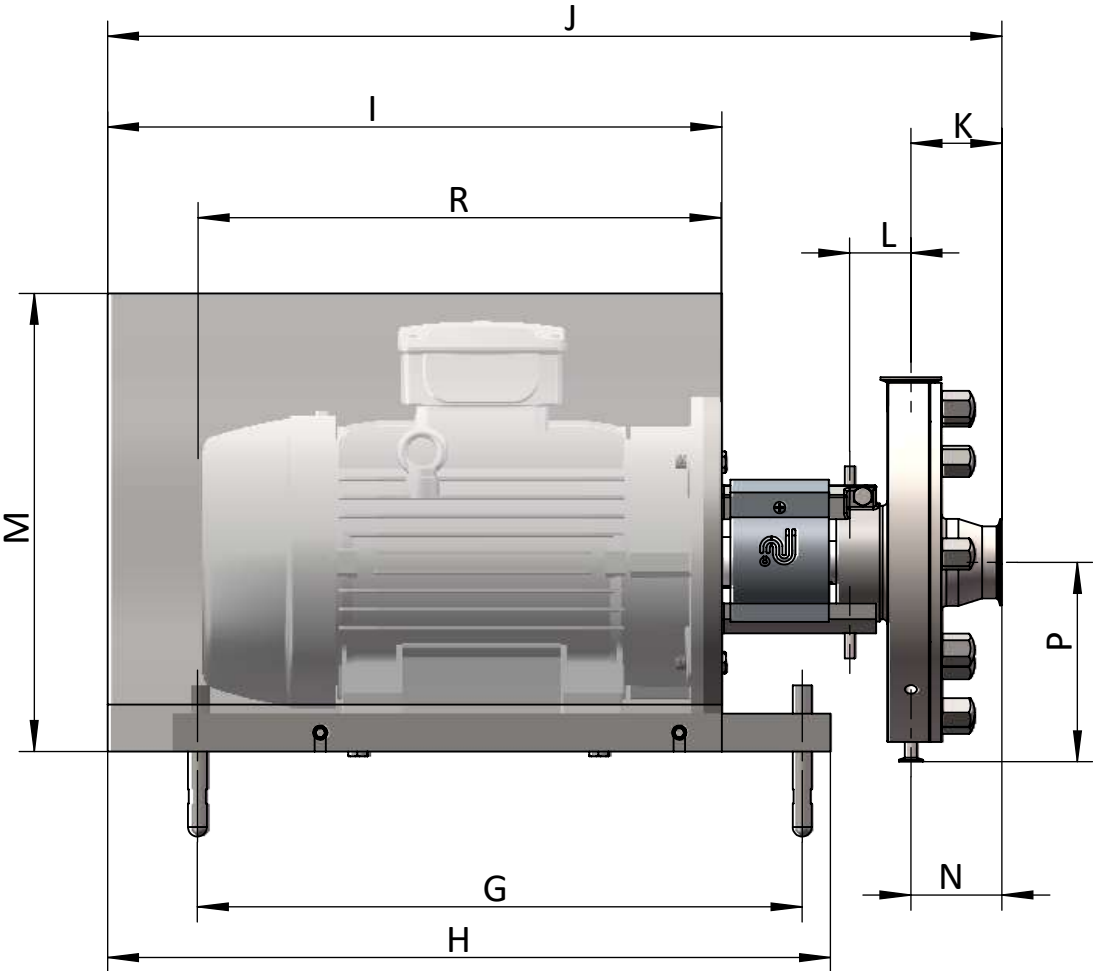


HYPERFLOW
扶冉(上海)流体技术有限公司



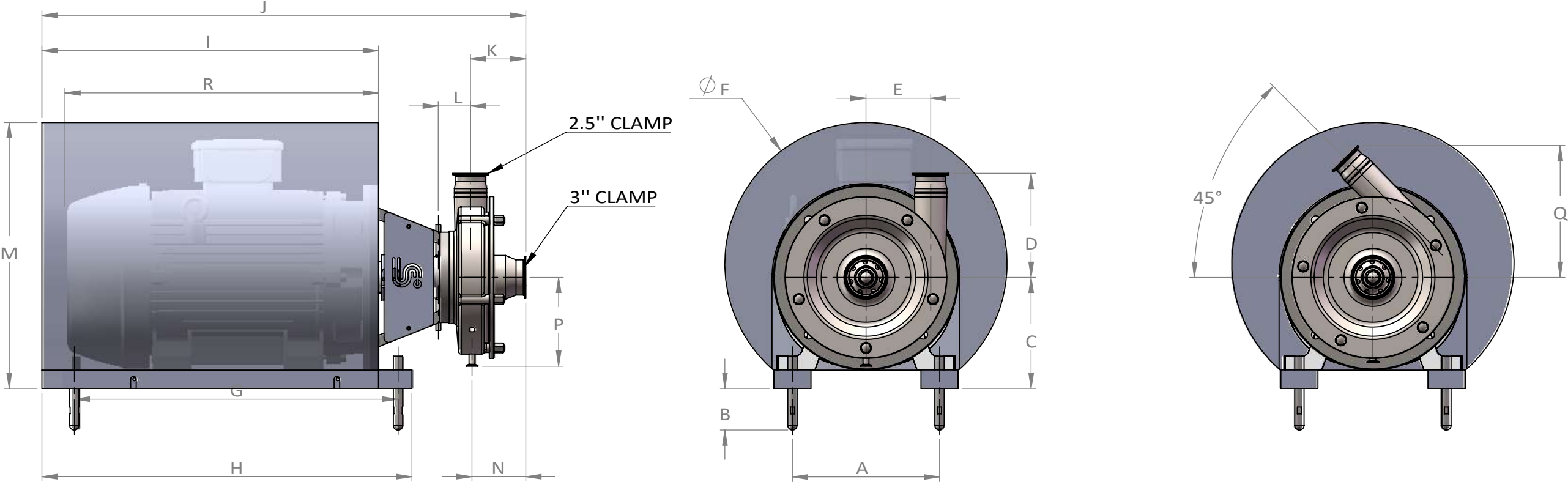
泵型号	进出口 Tri- Clamp	电机功率kW/ 机座号	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R						
HPC35	2.5"/2"	4	115.5	27.5	130	530	335	100	380	250	338	195	205	116	65~95	350	190	95	140	150						
		5.5			150	600	370	120	410	300	397			133		400	216				178					
		7.5					408																			
		9.2					180	820	488	90	640			350		470	185		500		254	210				
		11																								
HPC45	3"/2.5"	11/15	130	38	180	780	488	96	640	350	470	205	230	200	68~107	500	254	115	210	169						
		18.5				820	532			350	500			220					254							
		22					554												241							

HYPERFLOW HPC 50 configuration



泵型号	进/出口 Tri-clamp	电机 功率 机座号 kW		A	B	C	D	E	φF	G	H	I	J	K	L	M	N	P	Q	Q
HPC50	3"/2"	11	160M	255	90	200	196	145	500	640	765	650	947	97	65	485	96	210	264	503
		15	160M																	
		18.5	160L																	553

HYPERFLOW HPC 55 CONFIGURATION

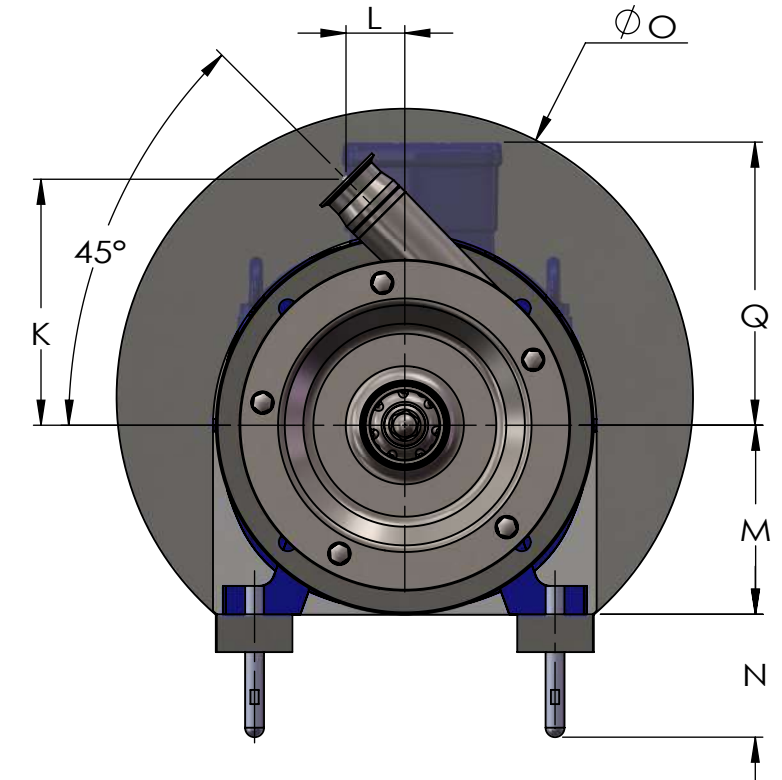
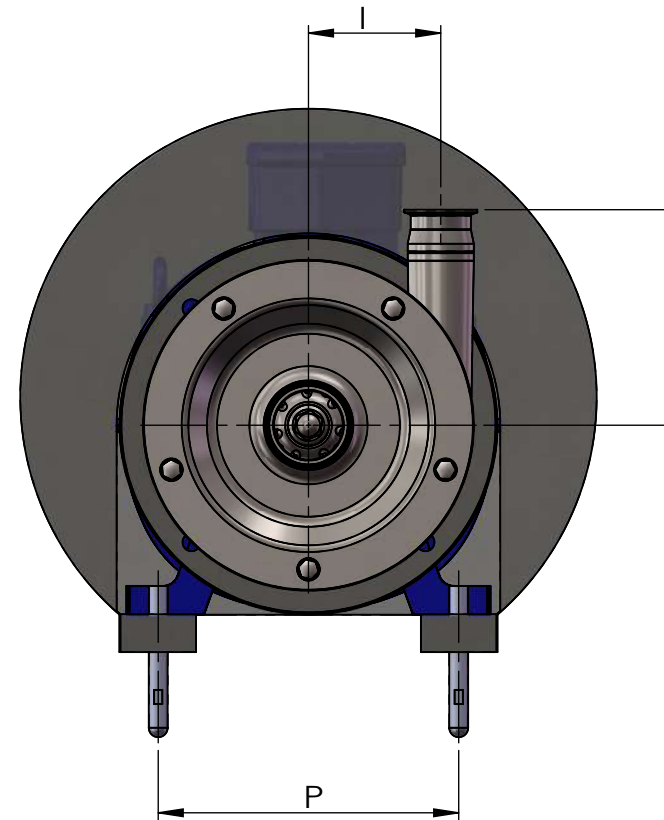
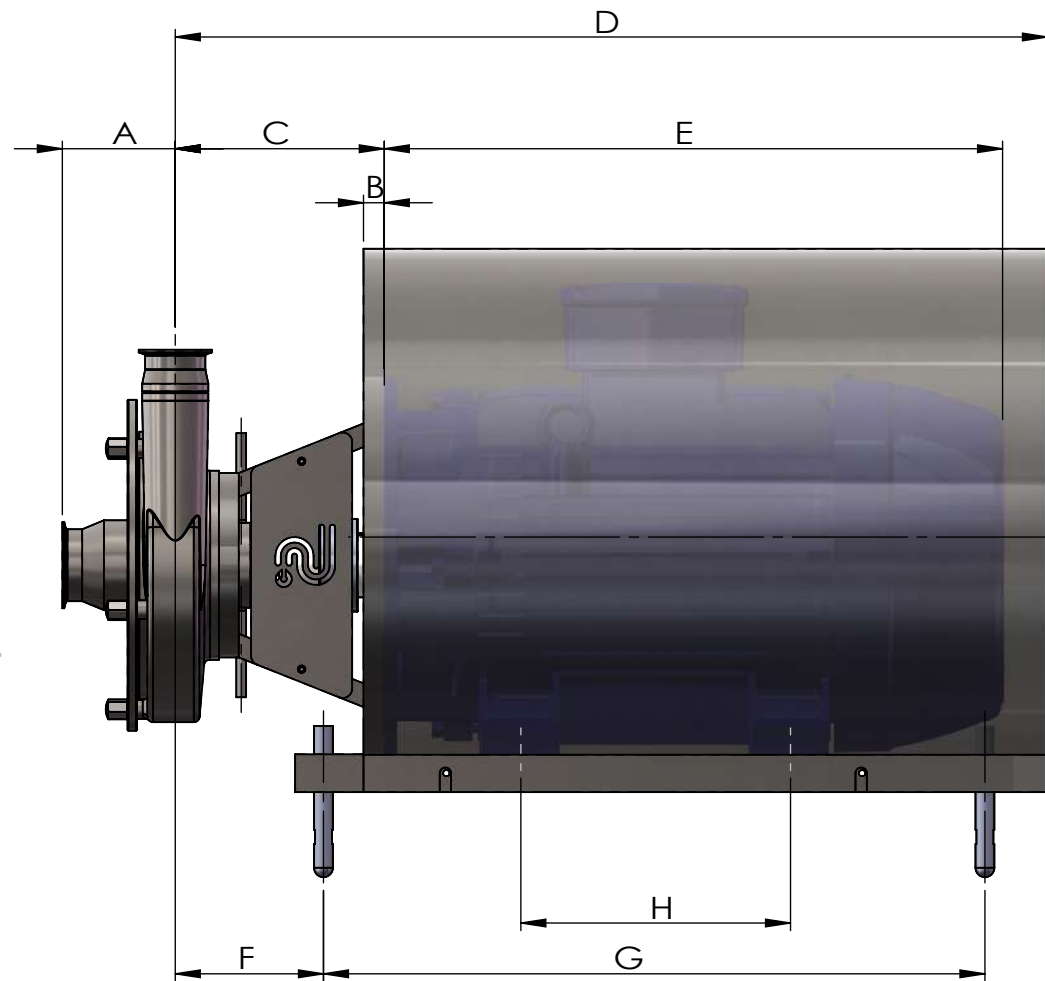


型号	电机功率/机座号	A	B	C	D	E	F	G	H	I	J	K	L	M	N	P	Q	R	DO NOT SCALE DRAWING		REVISION
HPC 55	11-18.5kW/160ML	254	90	240	225	140	500	640	775	660	984	120	70	485	116.5	192	285	554.3	 TITLE: HPC55 DWG NO. A3		
	22kW 180M	279	90				550				984			525				614.3			
	30/37kW 200ML	318	90				610	700	800	727	1052			575				677.8			
	45kW/60kW 225SM	356	135				700	740	865	800	1146			654				738.5			
	55kW/75kW 250SM	406	135				760	840	937.5	860	1206			693				814.5			



HYPERFLOW

HPC135 Configuration



Dimension (mm)	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
18.5KW	171	23	222.3	834.3	532	155.3	520	254	128	195	228.4	47.4	160	125-160	502	254	255
22KW				859.3	554	168.3		241					180		520	279	275
30KW		58	257.3	1039.3	656	137.3	690	305					200	130-160	573	318	300
37KW																	