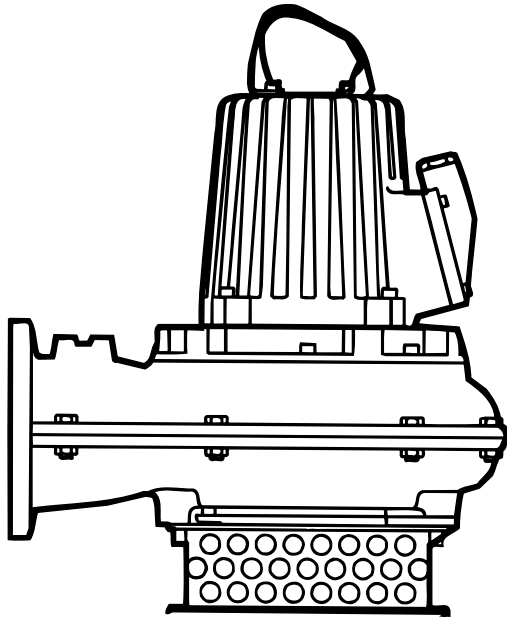
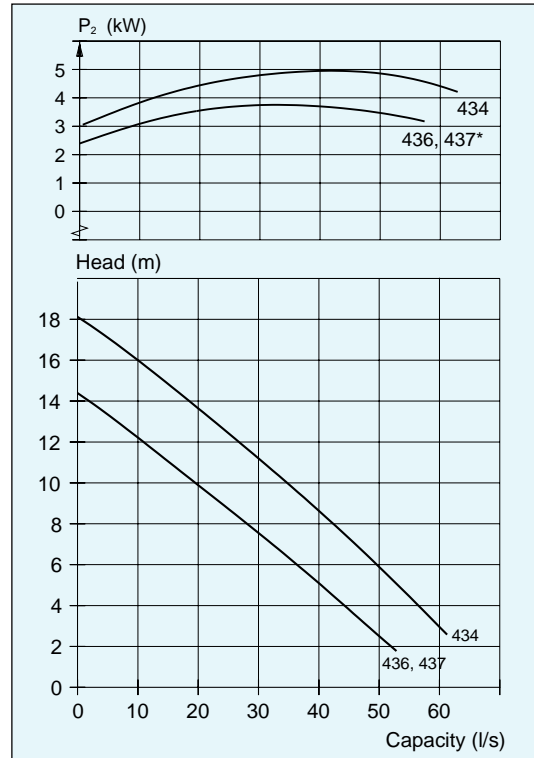


H 5530



Pump type	HP	HS
Weight, kg HC	203	309

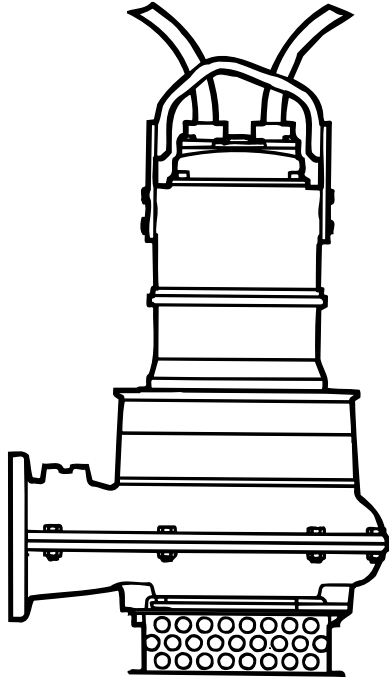
HP/HS



Impeller code	No. of channels	Outlet dia mm	Through-let, mm	Rated power kW		rpm	Available versions
				P ₁	P ₂		
434HC	3	∅ 150	40	7.0	5.9	1450	HPHS
436HC	3	∅ 150	40	7.0	5.9	1450	HPHS
437HC*	3	∅ 150	40	7.0	5.9	1450	HPHS

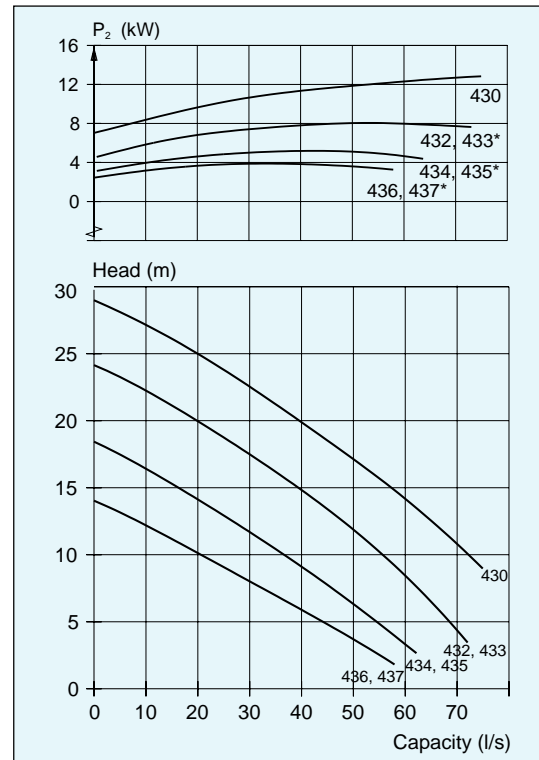
*with agitator

H 5540



Pump type	HP	HS	HT	HZ
Weight, kg HC	298	404	384	298

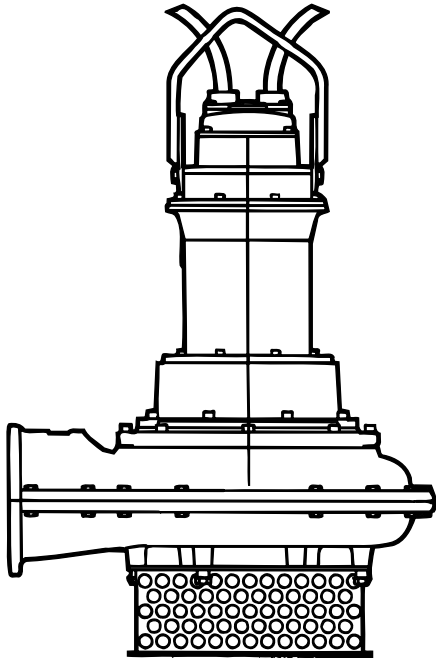
HP/HS/HT/HZ



Impeller code	No. of channels	Outlet dia mm	Through-let, mm	Rated power kW		rpm	Available versions
				P ₁	P ₂		
430 HC	3	∅ 150	40	15.7	13.5	1450	HP/HS/HT/HZ
432 HC	3	∅ 150	40	15.7	13.5	1450	HP/HS/HT/HZ
433 HC*	3	∅ 150	40	15.7	13.5	1450	HP/HS/HT/HZ
434 HC	3	∅ 150	40	15.7	13.5	1450	HP/HS/HT/HZ
435 HC*	3	∅ 150	40	15.7	13.5	1450	HP/HS/HT/HZ
436 HC	3	∅ 150	40	15.7	13.5	1450	HP/HS/HT/HZ
437 HC*	3	∅ 150	40	15.7	13.5	1450	HP/HS/HT/HZ

*with agitator

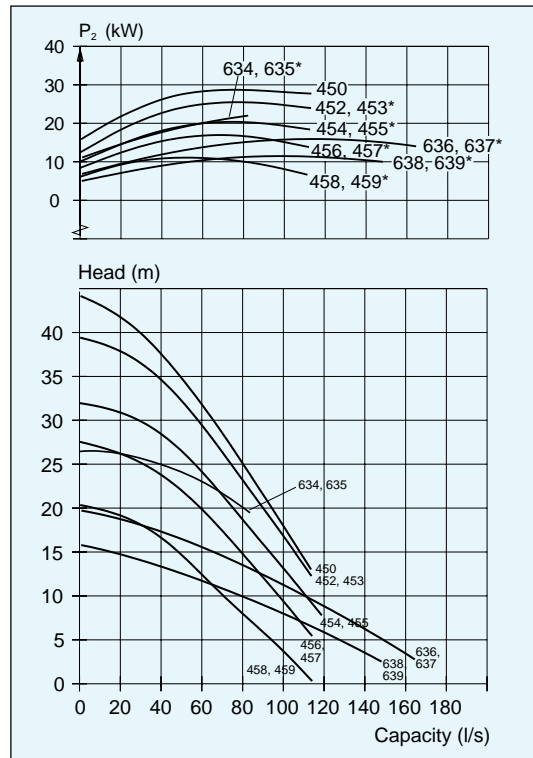
H 5550



Pump type	HP	HS	HT	HZ
Weight, kg HC	640	836	796	640

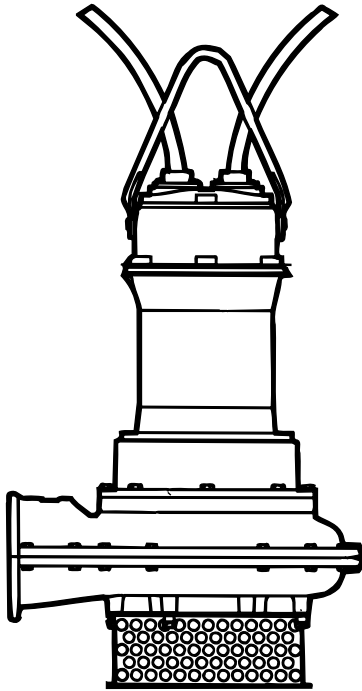
* With agitator, extra powerdraw;
 0.7 kW (451)
 4.0 kW (453, 455, 457, 459)
 0.4 kW (5560-631, 5550-635)
 1.1 kW (5560-633, -635, -637, -639, -643, -645, -647, -649, 5550-637, -639)

HP/HS/HT/HZ



Impeller code	No. of channels	Outlet dia mm	Through-let, mm	Rated power kW		rpm	Available versions
				P ₁	P ₂		
634 HC	3	∅ 200	60	25	22	966	HPHSHT/HZ
635 HC*	3	∅ 200	60	25	22	966	HPHSHT/HZ
636 HC	3	∅ 200	60	25	22	966	HPHSHT/HZ
637 HC*	3	∅ 200	60	25	22	966	HPHSHT/HZ
638 HC	3	∅ 200	60	25	22	966	HPHSHT/HZ
639 HC*	3	∅ 200	60	25	22	966	HPHSHT/HZ
450 HC	3	∅ 200	40	34	30	1455	HPHSHT/HZ
452 HC	3	∅ 200	40	34	30	1455	HPHSHT/HZ
453 HC*	3	∅ 200	40	34	30	1455	HPHSHT/HZ
454 HC	3	∅ 200	40	34	30	1455	HPHSHT/HZ
455 HC*	3	∅ 200	40	34	30	1455	HPHSHT/HZ
456 HC	3	∅ 200	40	34	30	1455	HPHSHT/HZ
457 HC*	3	∅ 200	40	34	30	1455	HPHSHT/HZ
458 HC	3	∅ 200	40	34	30	1455	HPHSHT/HZ
459 HC*	3	∅ 200	40	34	30	1455	HPHSHT/HZ

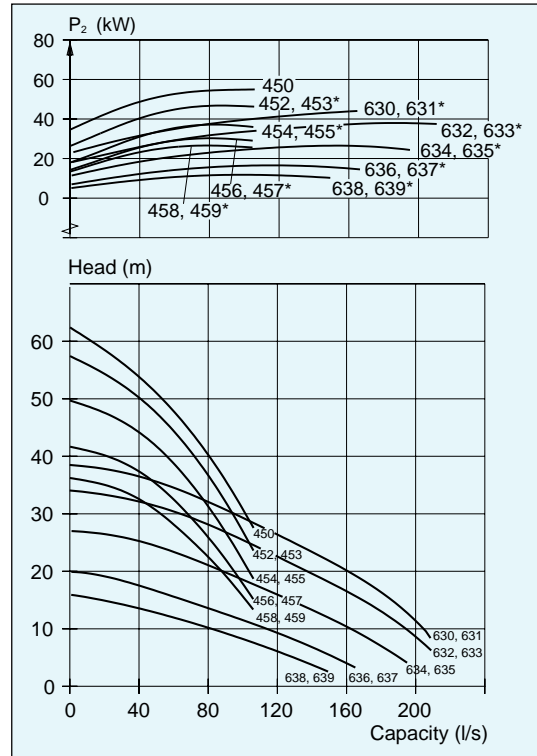
H 5560



Pump type	HP	HS	HT	HZ
Weight, kg HC	962	1158	1118	962

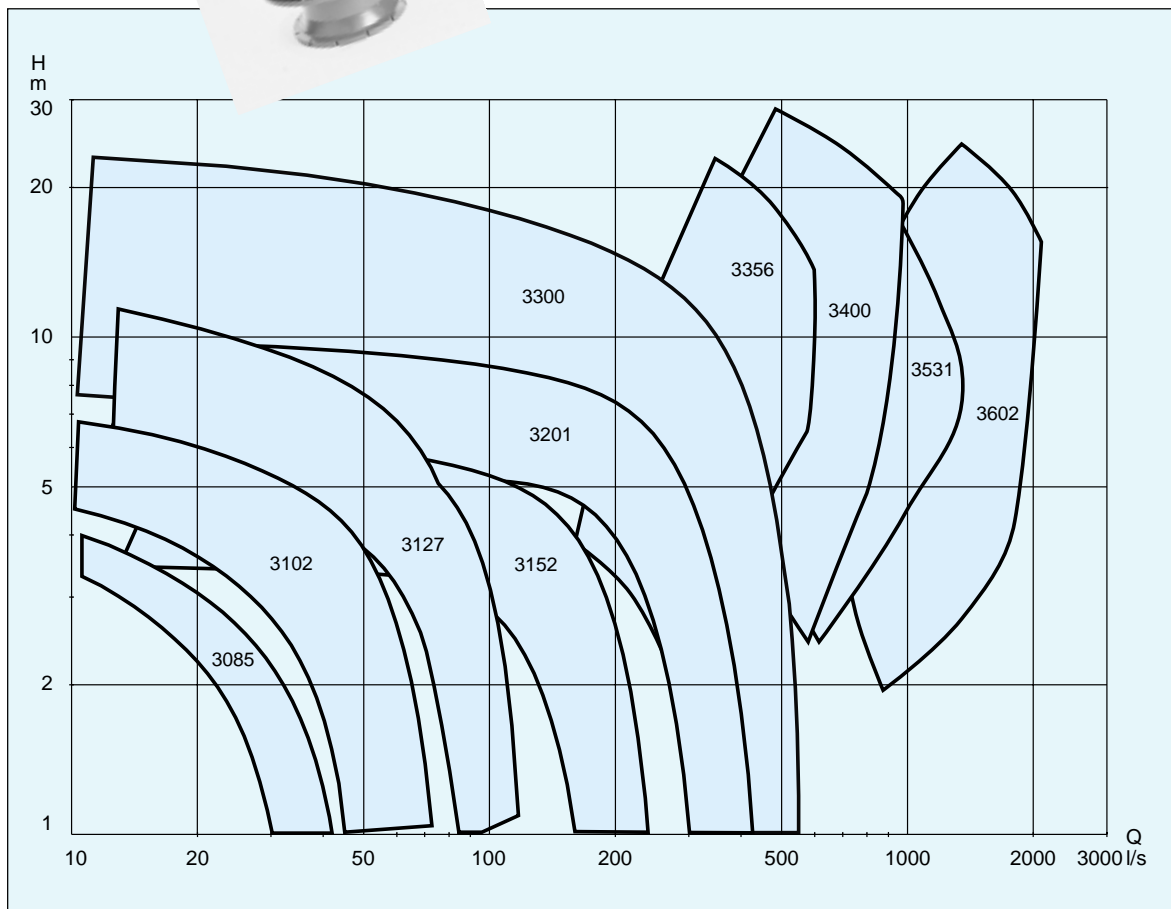
* With agitator, extra powerdraw;
 0.7 kW (451)
 4.0 kW (453, 455, 457, 459)
 0.4 kW (5560-631, 5550-635)
 1.1 kW (5560-633, -635, -637, -639, -643, -645, -647, -649, 5550-637, -639)

HP/HS/HT/HZ



Impeller code	No. of channels	Outlet dia mm	Through-let, mm	Rated power kW		rpm	Available versions
				P ₁	P ₂		
630 HC	3	∅200	60	50	44	970	HP/HS/HT/HZ
631 HC*	3	∅200	60	50	44	970	HP/HS/HT/HZ
632 HC	3	∅200	60	50	44	970	HP/HS/HT/HZ
633 HC*	3	∅200	60	50	44	970	HP/HS/HT/HZ
634 HC	3	∅200	60	50	44	970	HP/HS/HT/HZ
635 HC*	3	∅200	60	50	44	970	HP/HS/HT/HZ
636 HC	3	∅200	60	50	44	970	HP/HS/HT/HZ
637 HC*	3	∅200	60	50	44	970	HP/HS/HT/HZ
638 HC	3	∅200	60	50	44	970	HP/HS/HT/HZ
639 HC*	3	∅200	60	50	44	970	HP/HS/HT/HZ
450 HC	3	∅200	40	60	54	1470	HP/HS/HT/HZ
452 HC	3	∅200	40	60	54	1470	HP/HS/HT/HZ
453 HC*	3	∅200	40	60	54	1470	HP/HS/HT/HZ
454 HC	3	∅200	40	60	54	1470	HP/HS/HT/HZ
455 HC*	3	∅200	40	60	54	1470	HP/HS/HT/HZ
456 HC	3	∅200	40	60	54	1470	HP/HS/HT/HZ
457 HC*	3	∅200	40	60	54	1470	HP/HS/HT/HZ
458 HC	3	∅200	40	60	54	1470	HP/HS/HT/HZ
459 HC*	3	∅200	40	60	54	1470	HP/HS/HT/HZ

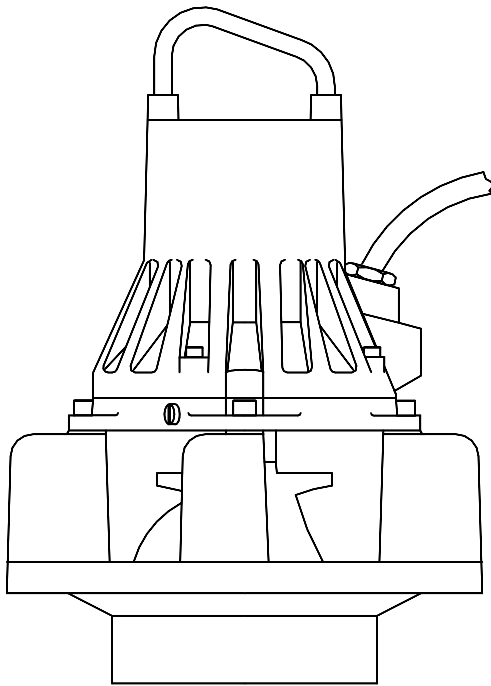
L-PUMPS • 50 Hz



The L-pump's impeller is a shrouded channel impeller in a volute with guide vanes. The guide-vane section leads the rotating water outward and upward on the outside of the pump. L-pumps are mainly used in sewage-treatment plants and in such applications as storm-water pumping, irrigation and drainage.

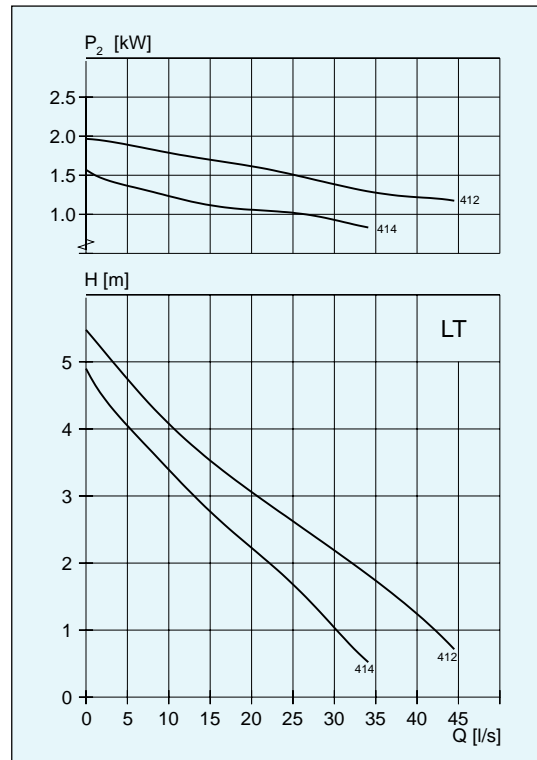


L 3085



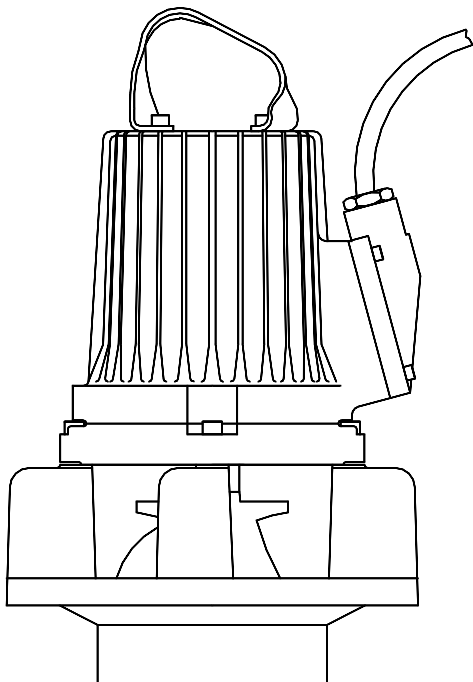
Pump type	L
Weight, kg	75

L



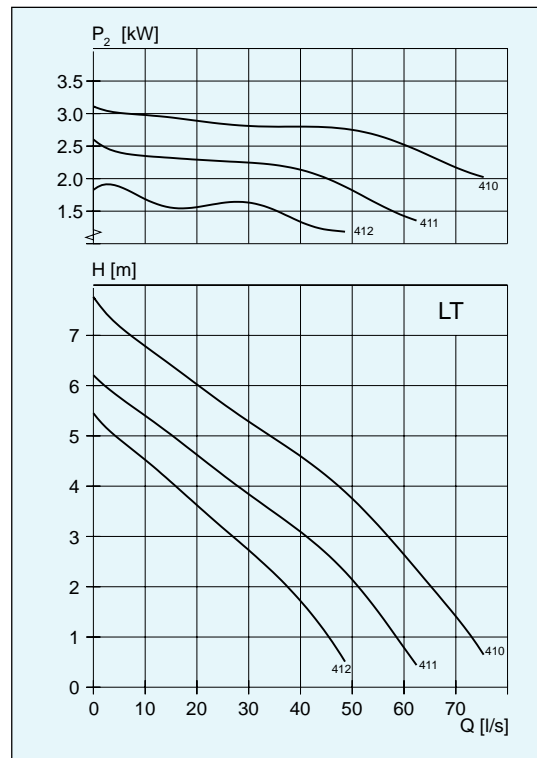
Impeller code	Overall dia mm diffuser ring	Motor rating, kW		rpm
		P_1	P_2	
W412	∅ 380	2.7	2.0	1385
W414	∅ 380	2.7	2.0	1395

L 3102



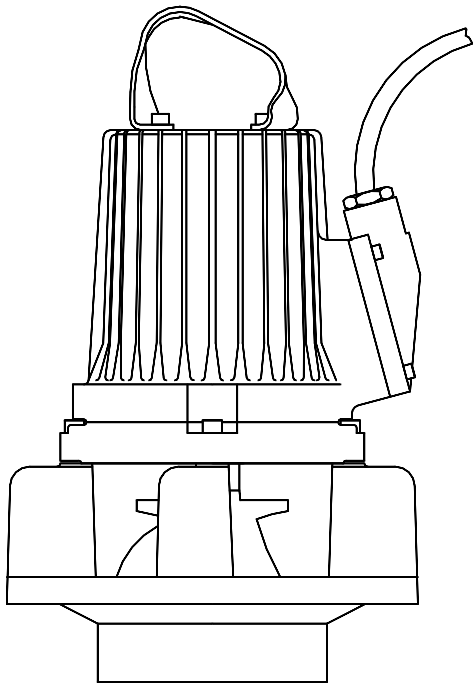
Pump type	L
Weight, kg	95

L



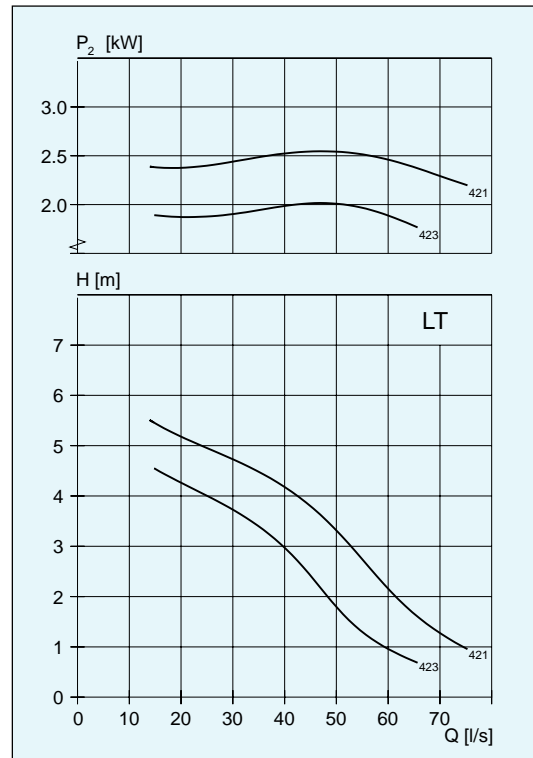
Impeller code	Overall dia mm diffuser ring	Motor rating, kW		rpm
		P_1	P_2	
W410	∅ 380	3.8	3.1	1435
W411	∅ 380	3.8	3.1	1435
W412	∅ 380	3.8	3.1	1435

NL 3102



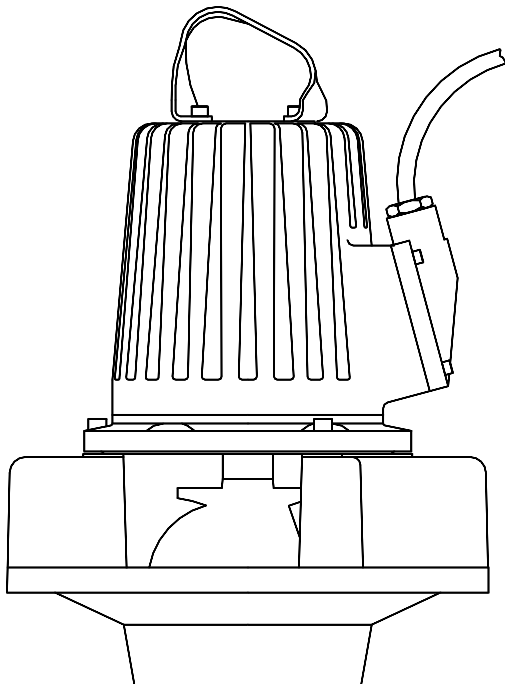
Pump type	NL
Weight, kg	99

NL



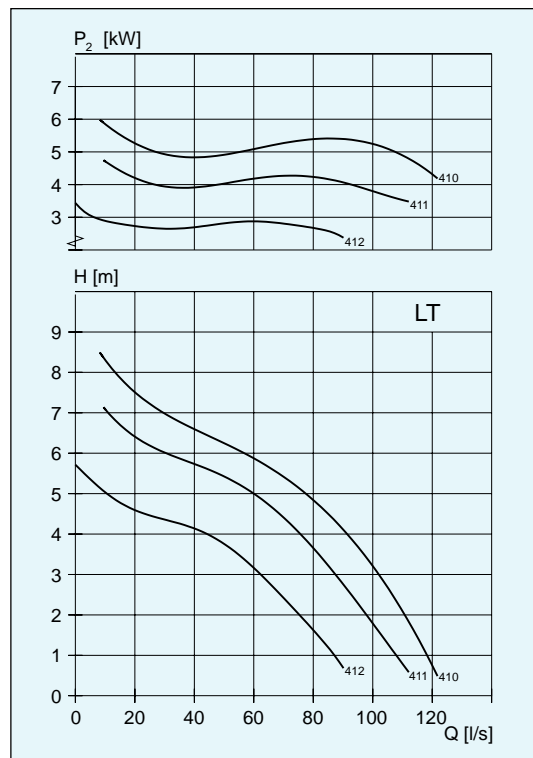
Impeller code	Overall dia mm diffuser ring	Motor rating, kW		rpm
		P ₁	P ₂	
W421	∅380	3.8	3.1	1435
W423	∅380	3.8	3.1	1435

L 3127



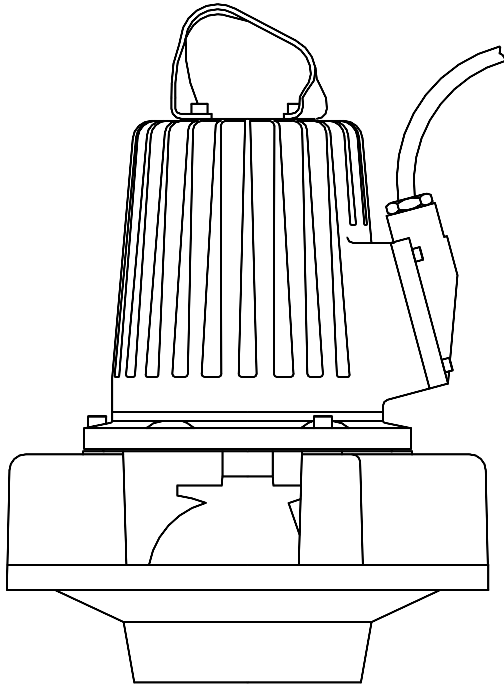
Pump type	L
Weight, kg	133

L



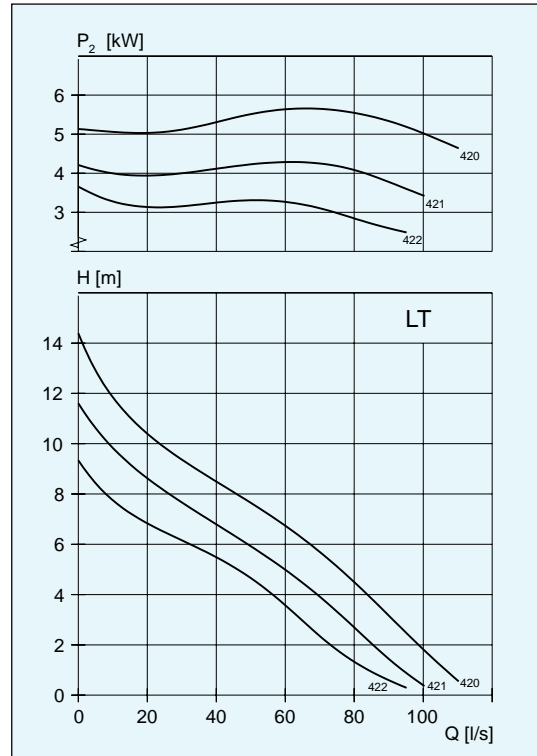
Impeller code	Overall dia mm diffuser ring	Motor rating, kW		rpm
		P ₁	P ₂	
W410	∅480	7.1	5.9	1445
W411	∅480	7.1	5.9	1445
411	∅480	5.7	4.7	1445
W412	∅480	7.1	5.9	1445
412	∅480	5.7	4.7	1445

NL 3127



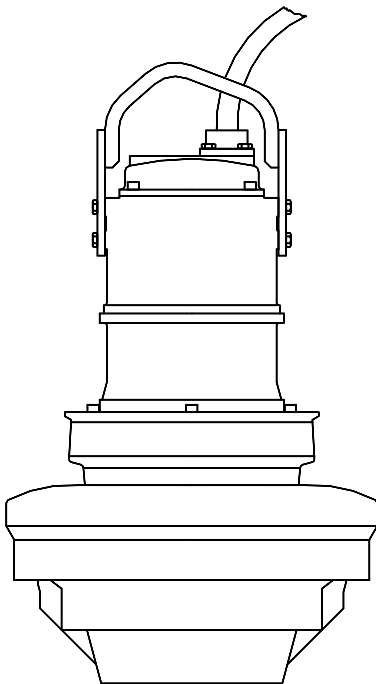
Pump type	NL
Weight, kg	140

NL



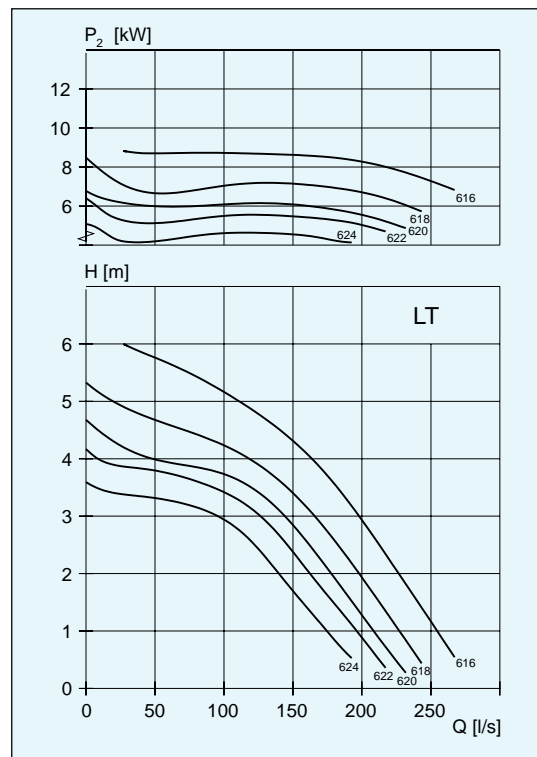
Impeller code	Overall dia mm diffuser ring	Motor rating, kW		rpm
		P ₁	P ₂	
W420	∅480	7.1	5.9	1445
W421	∅480	7.1	5.9	1445
421	∅480	5.7	4.7	1445
W422	∅480	7.1	5.9	1445
422	∅480	5.7	4.7	1445

L 3152



Pump type	L
Weight, kg	264

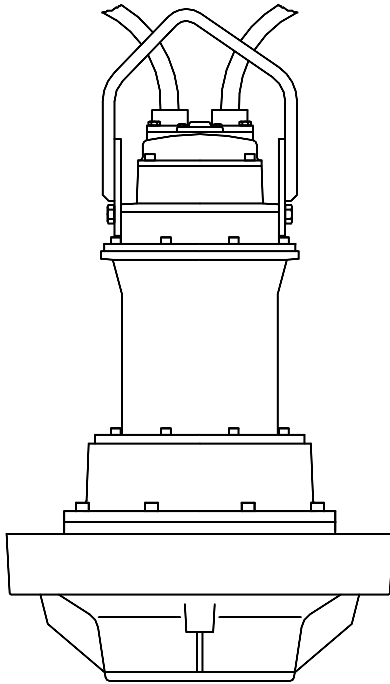
L



Impeller code	Overall dia mm diffuser ring	Motor rating, kW		rpm
		P ₁	P ₂	
W616*	∅590	10.5	8.8	960
W618*	∅590	10.5	8.8	960
W620	∅590	10.5	8.8	960
W622	∅590	10.5	8.8	960
W624	∅590	10.5	8.8	960

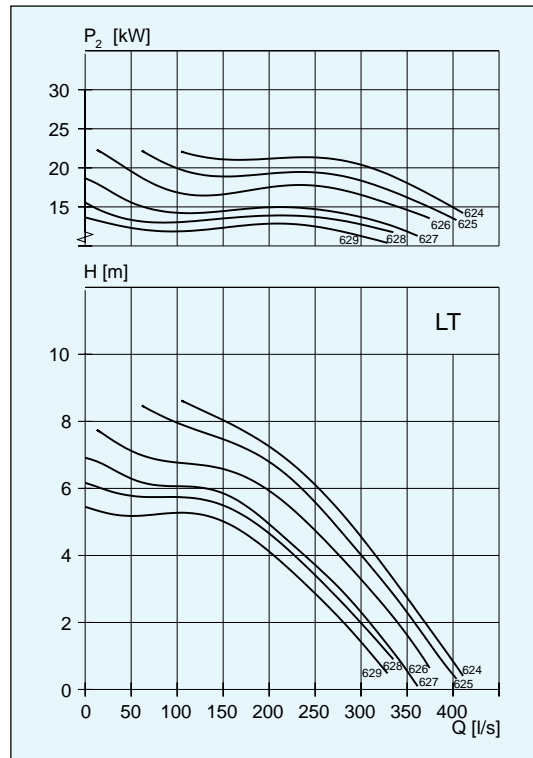
* NPSH_e = 11 m at 235 l/s

L 3201



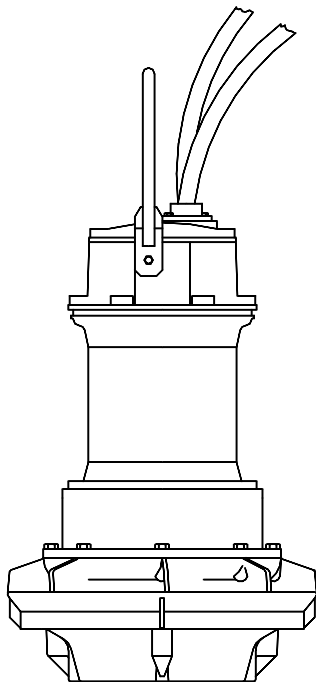
Pump type	L
Weight, kg	450

L



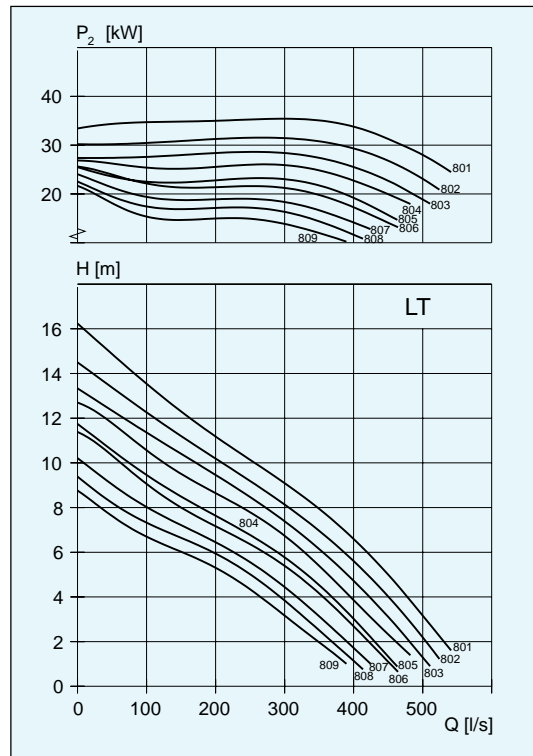
Impeller code	Overall dia mm diffuser ring	Motor rating, kW		rpm
		P ₁	P ₂	
W624	∅ 720	25	22	970
W625	∅ 720	25	22	970
W626	∅ 720	25	22	970
W627	∅ 720	25	22	970
W628	∅ 720	25	22	970
W629	∅ 720	25	22	970

L 3300



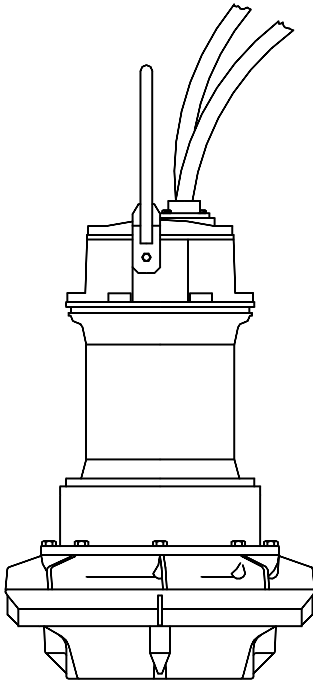
Pump type	L
Weight, kg	750

L



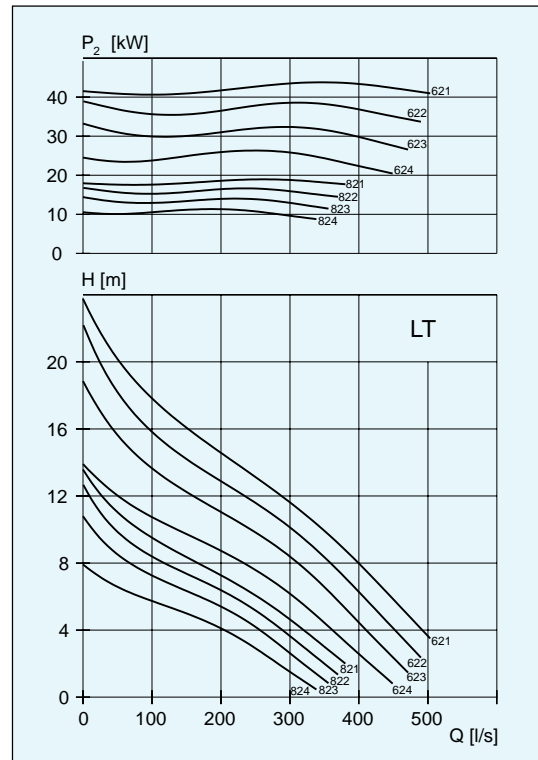
Impeller code	Overall dia mm diffuser ring	Motor rating, kW		rpm
		P ₁	P ₂	
801-809	∅ 780	37	37	730
804-809	∅ 780	31	27	730

NL 3300



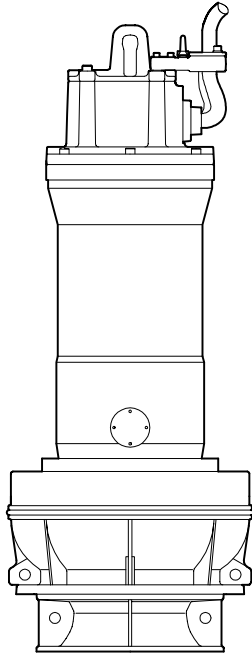
Pump type	NL
Weight, kg	755

NL

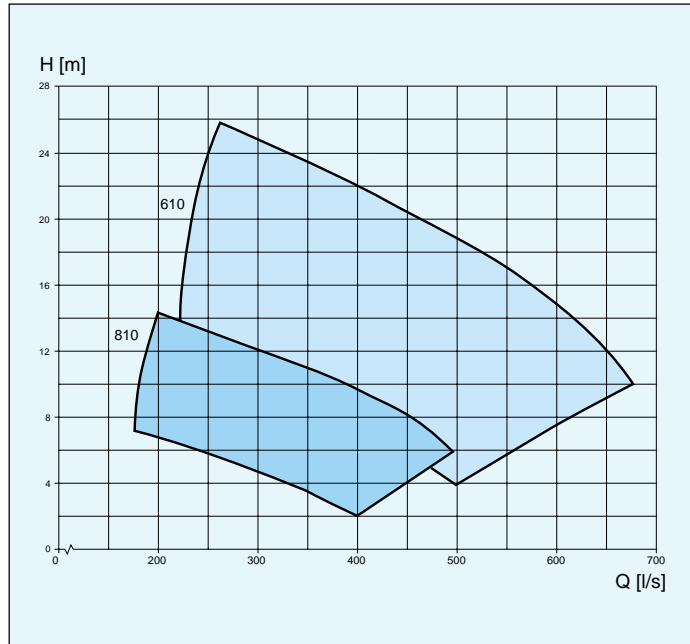


Impeller code	Overall dia mm diffuser ring	Motor rating, kW		rpm
		P ₁	P ₂	
621-624	∅ 800	50	44	975
623-624	∅ 800	39	34	975
821-824	∅ 800	43	37	730
821-824	∅ 800	31	27	730

L 3356



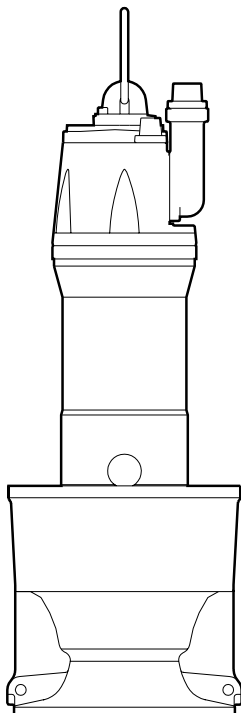
LL



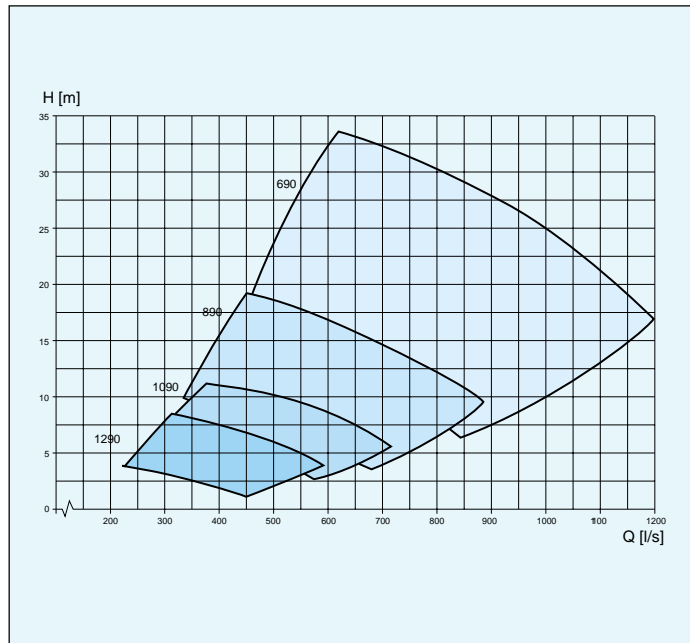
Pump type	L
Weight, kg	1040-1900

Impeller code	Overall dia mm diffuser ring	Motor rating, kW		rpm
		P ₁	P ₂	
610	∅ 785	64-173	58-160	990
810	∅ 785	51-61	45-55	740

L 3400



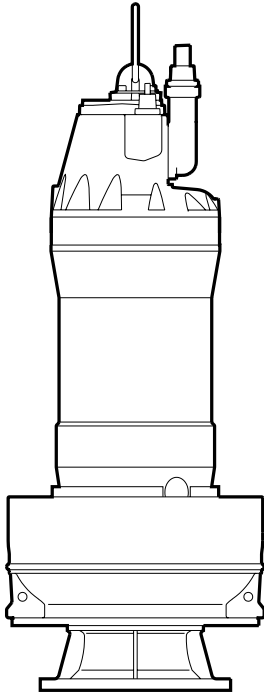
LL



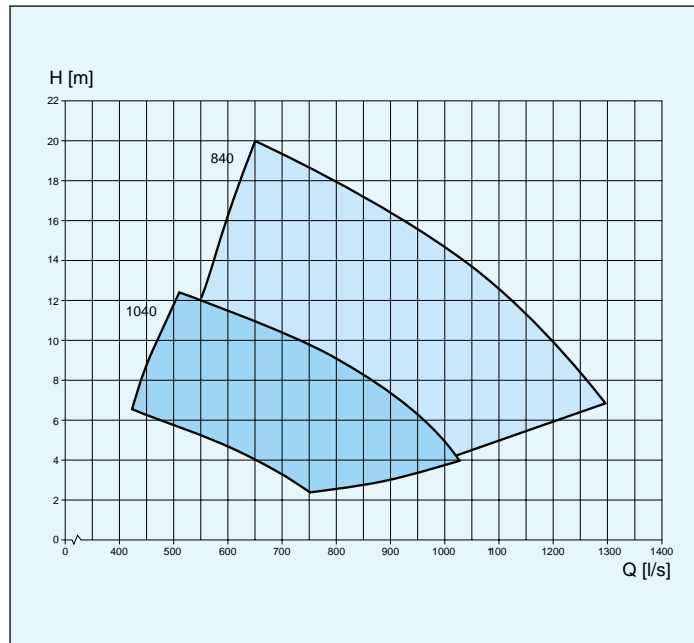
Pump type	L
Weight, kg	1650-3350

Impeller code	Overall dia mm diffuser ring	Motor rating, kW		rpm
		P ₁	P ₂	
690	∅ 860	213-359	200-340	990
890	∅ 860	100-155	90-140	735
1090	∅ 860	44-79	40-70	585
1290	∅ 860	34-51	30-45	490

L 3531



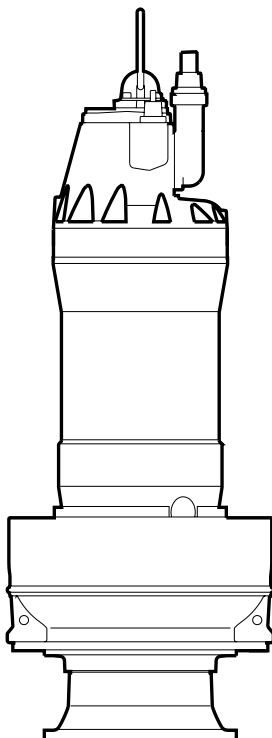
LL



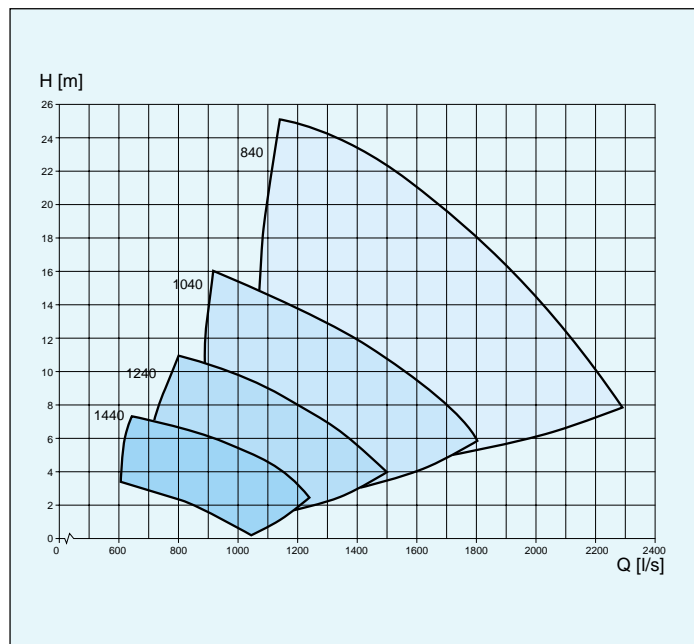
Pump type	L
Weight, kg	2300-4200

Impeller code	Overall dia mm diffuser ring	Motor rating, kW		rpm
		P ₁	P ₂	
840	∅ 1160	111-246	100-230	745
1040	∅ 1160	79-137	70-125	595

L 3602



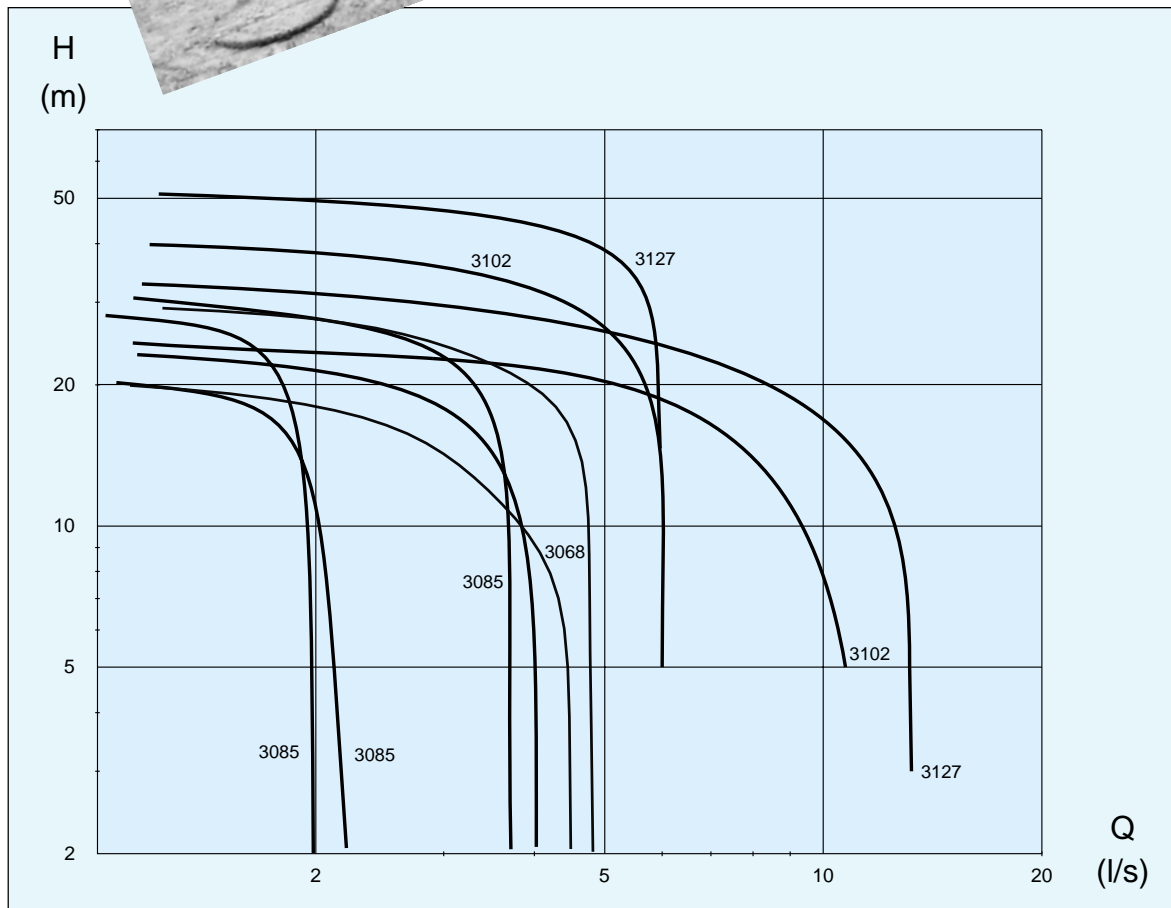
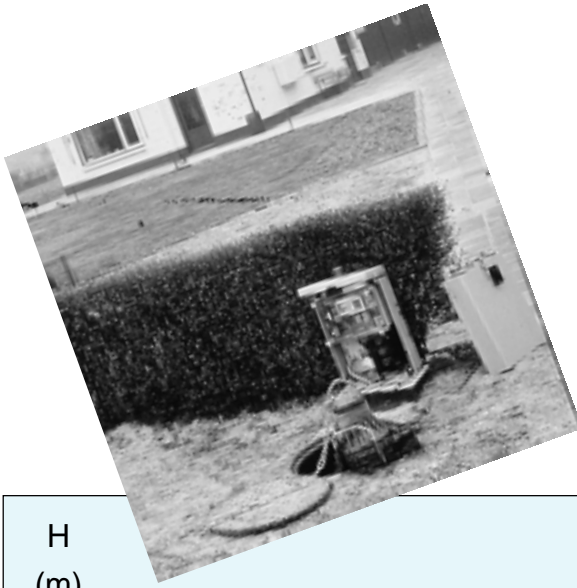
LL



Pump type	L
Weight, kg	2550-4300

Impeller code	Overall dia mm diffuser ring	Motor rating, kW		rpm
		P ₁	P ₂	
840	∅ 1160	246-449	230-430	745
1040	∅ 1160	111-268	100-250	595
1240	∅ 1160	67-174	60-160	495
1440	∅ 1160	46-79	40-70	420

M-PUMPS • 50 Hz



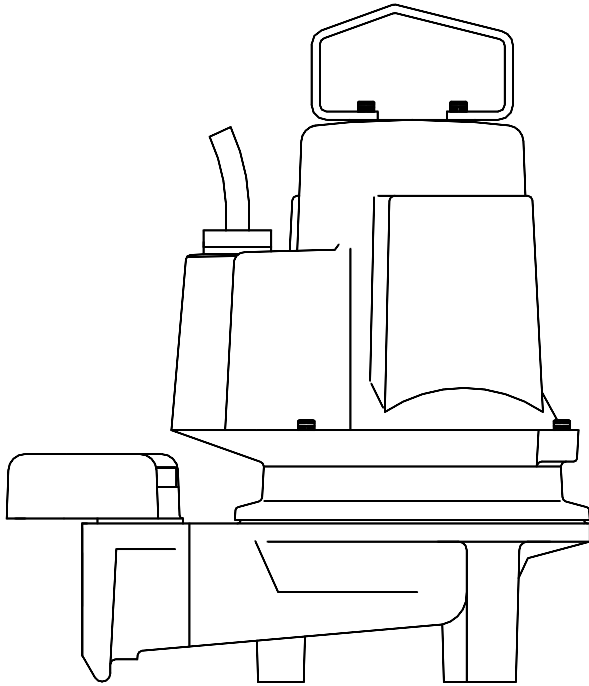
The M-pump features an effective grinder assembly. Specially designed for pressure sewage systems. The vortex impeller is fitted with a cutting device at the inlet.

All solids are reduced to particles no larger than 5 x 15 mm.

The result is a fine slurry that can be pumped through pipes as narrow as 32 mm in diameter.

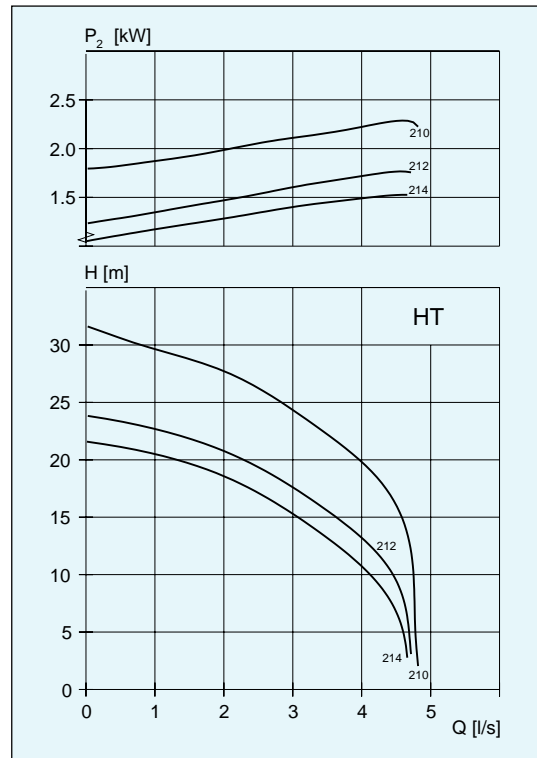


M 3068



Pump type	MP	MF	MH
Weight, kg	31	31	31

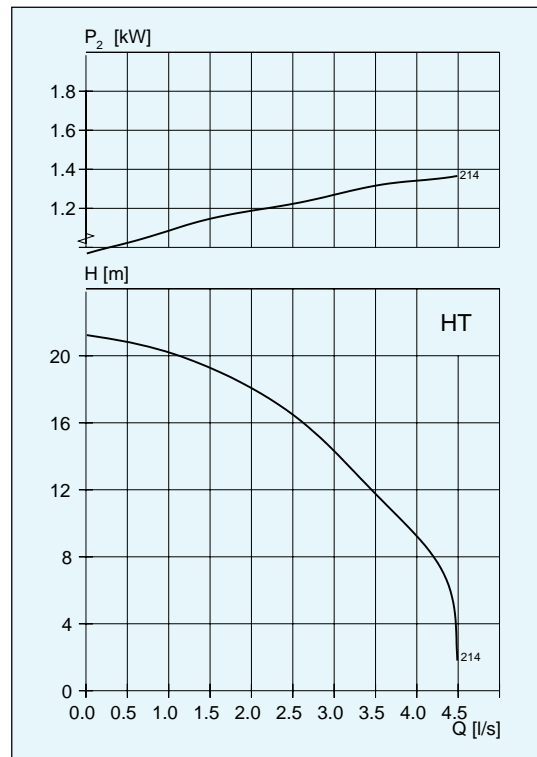
MP/MH/MF



Impeller code	Overall dia mm MP vers	Motor rating, kW		rpm	Available versions
		P ₁	P ₂		
•210	∅ 50	3.2	2.4	2700	MP/MH/MF
•212	∅ 50	3.2	2.4	2700	MP/MH/MF
•212	∅ 50	2.3	1.7	2700	MP/MH/MF
•214	∅ 50	2.3	1.7	2700	MP/MH/MF

• Can be equipped with flush valve

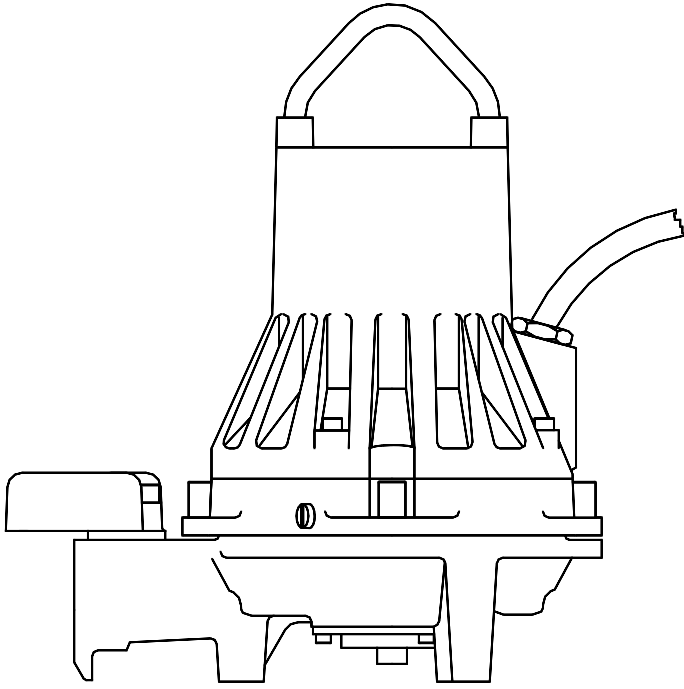
MP/MH/MF



Impeller code	Overall dia mm MP vers	Motor rating, kW		rpm	Available versions
		P ₁	P ₂		
•214*	∅ 50	2.0	1.5	2730	MP/MH/MF

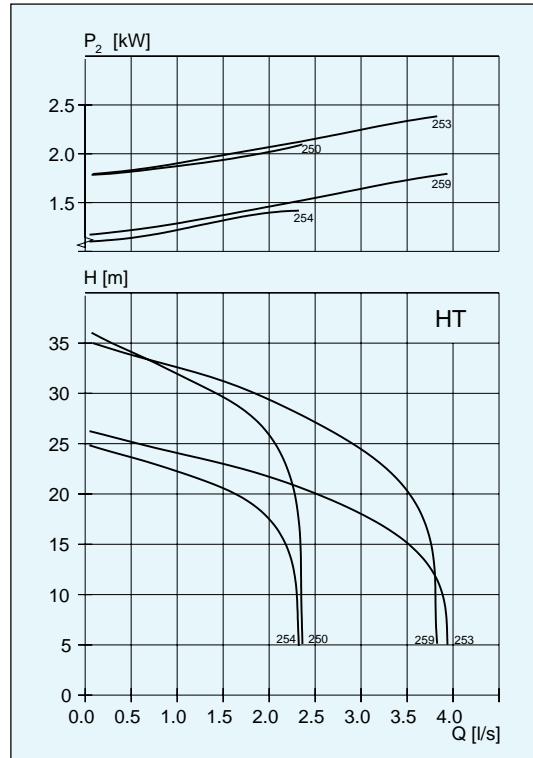
* Single-phase.

M 3085



Pump type	MP	MH	MF
Weight, kg	53	52	53

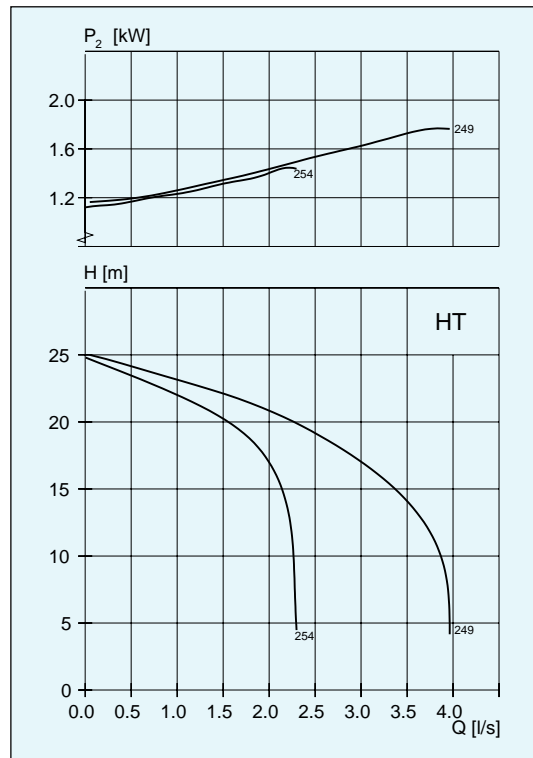
MP/MH/MF



Impeller code	Overall dia mm MP vers	Motor rating, kW		rpm	Available versions
		P ₁	P ₂		
• 250	∅ 50	3.0	2.4	2830	MP/MH/MF
• 253	∅ 50	3.0	2.4	2830	MP/MH/MF
• 254	∅ 50	3.0	2.4	2830	MP/MH/MF
• 254	∅ 50	2.2	1.8	2880	MP/MH/MF
• 259	∅ 50	3.0	2.4	2830	MP/MH/MF
• 259	∅ 50	2.2	1.8	2880	MP/MH/MF

• Can be equipped with flush valve

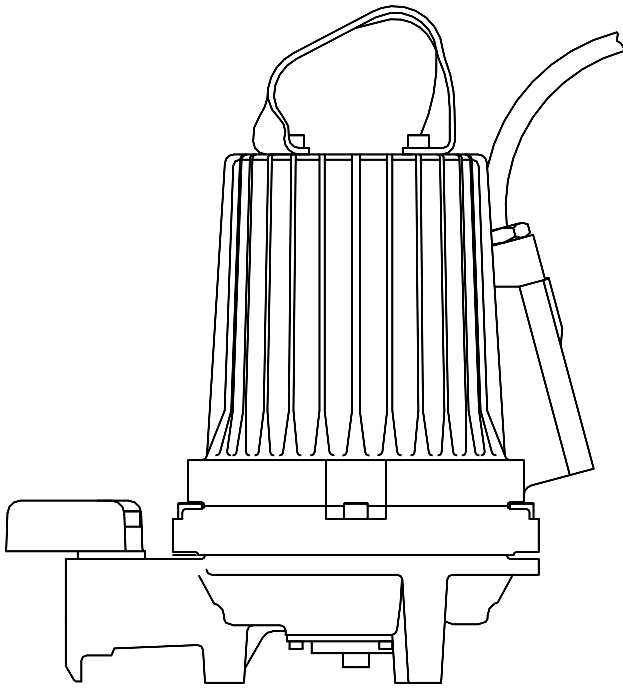
MP/MH/MF



Impeller code	Overall dia mm MP vers	Motor rating, kW		rpm	Available versions
		P ₁	P ₂		
• 249 *	∅ 50	2.5	1.9	2915	MP/MH/MF
• 254 *	∅ 50	2.5	1.9	2915	MP/MH/MF

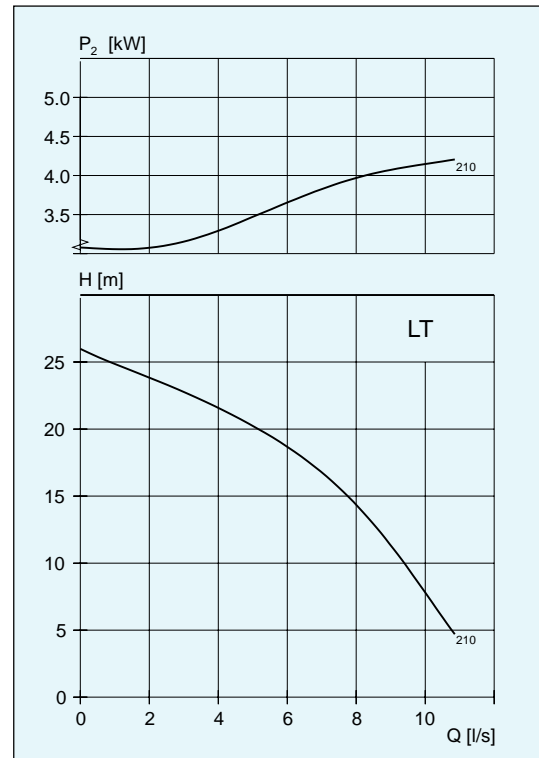
* Single-phase.

M 3102



Weight, kg	MP	MF
LT/HT	78	78

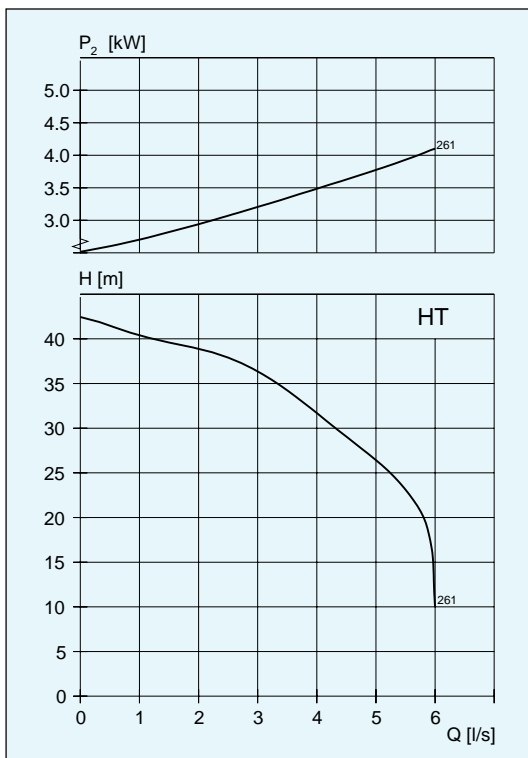
MP/MF



Impeller code	Overall dia mm MP vers	Motor rating, kW		rpm	Available versions
		P ₁	P ₂		
• 210	ISO G2/2" NPT	5.4	4.4	2870	MP/MF

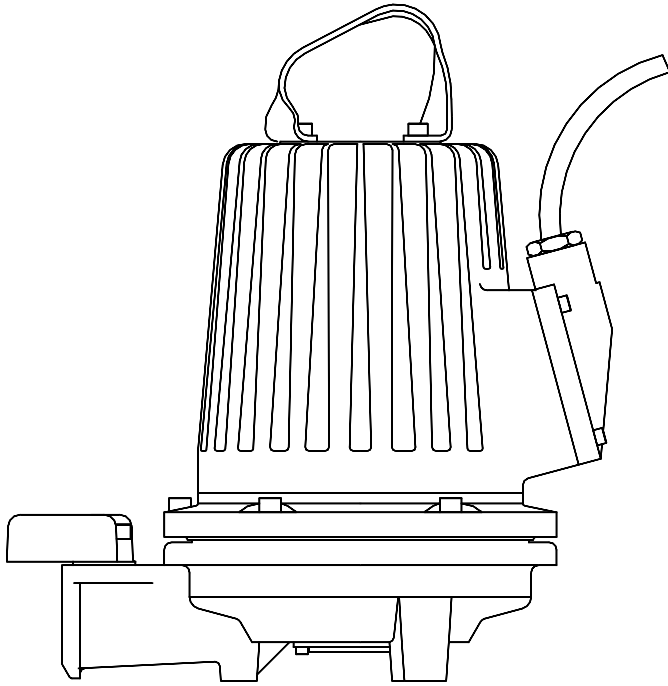
• Can be equipped with flush valve

MP/MF



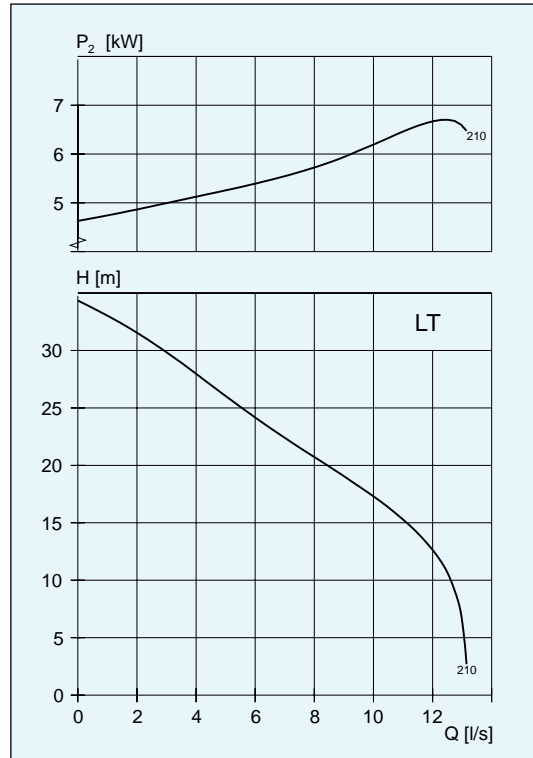
Impeller code	Overall dia mm MP vers	Motor rating, kW		rpm	Available versions
		P ₁	P ₂		
• 261	ISO G2/2" NPT	5.4	4.4	2870	MP/MF

M 3127



Weight, kg	MP	MF
LT/HT	109	109

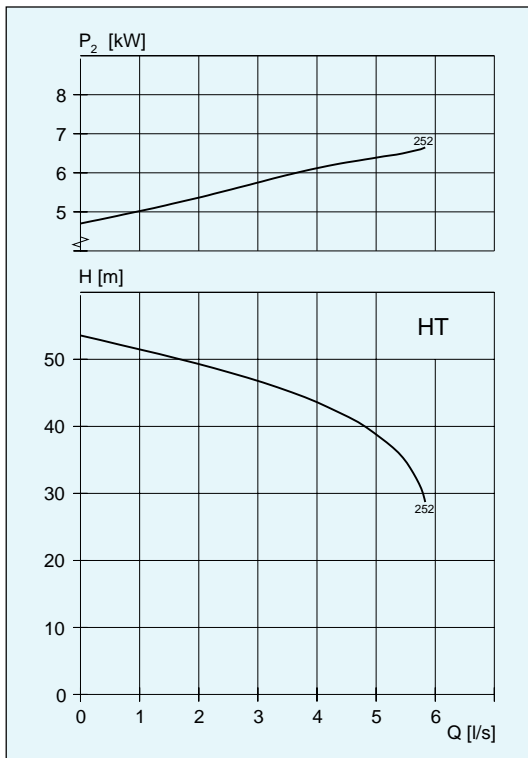
MP/MF



Impeller code	Overall dia mm MP vers	Motor rating, kW		rpm	Available versions
		P ₁	P ₂		
• 210	∅ 50	8.7	7.4	2905	MP/MF

• Can be equipped with flush valve

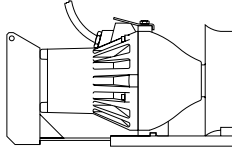
MP/MF



Impeller code	Overall dia mm MP vers	Motor rating, kW		rpm	Available versions
		P ₁	P ₂		
252	∅ 50	8.7	7.4	2905	MP/MF

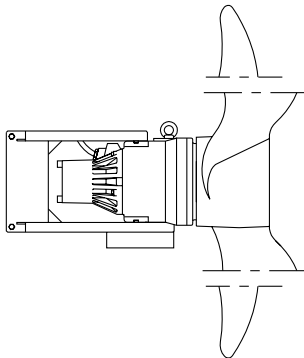
MIXERS • 50 Hz

4400



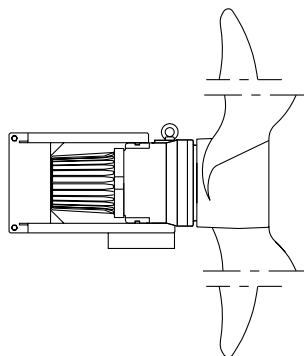
Motor		
Single phase	Max. power, input:	1.8 kW
	Rated power, output:	1.3 kW
	Speed:	1440 RPM
3-phase	Max. power, input:	1.3 kW
	Rated power, output:	0.9 kW
	Speed:	930* RPM
3-phase	Max. power, input:	1.8 kW
	Rated power, output:	1.3 kW
	Speed:	1385* RPM
3-phase	Max. power, input:	3.1 kW
	Rated power, output:	2.3 kW
	Speed:	1375* RPM
WEIGHT:	43 kg	

4410



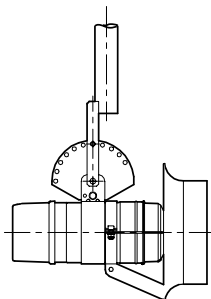
Motor		
3-phase	Max. power, input:	1.3 kW
	Rated power, output:	0.9 kW
	Speed:	930* RPM
3-phase	Max. power, input:	3.1 kW
	Rated power, output:	2.3 kW
	Speed:	1375* RPM
WEIGHT:	250 kg	
MIXER SPEED:	17-40 RPM	

4430



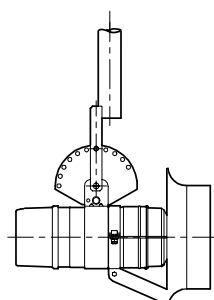
Motor		
3-phase	Max. power, input:	5.0 kW
	Rated power, output:	4.0 kW
	Speed:	1405* RPM
3-phase	Max. power, input:	5.4 kW
	Rated power, output:	4.4 kW
	Speed:	2875* RPM
WEIGHT:	280 kg	
MIXER SPEED:	32-54 RPM	

4610



Motor		
3-phase	Max. power, input:	1.0 kW
	Rated power, output:	0.75 kW
	Speed:	1385* RPM
WEIGHT:	16.2 kg	

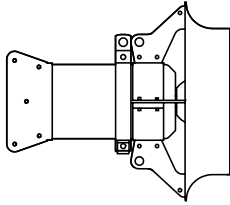
4620



Motor		
3-phase	Max. power, input:	2.2 kW
	Rated power, output:	1.5 kW
	Speed:	1350* RPM
WEIGHT:	17.5 kg	

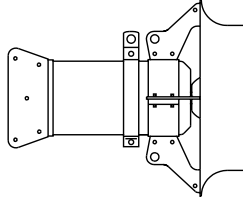
* 400 V

4630



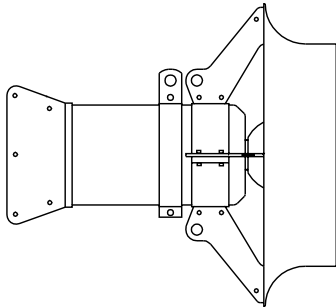
Motor		
3-phase	Max. power, input: Rated power, output: Speed:	2.1 kW 1.5 kW 705* RPM
WEIGHT:	60 kg (incl. jetring)	

4640



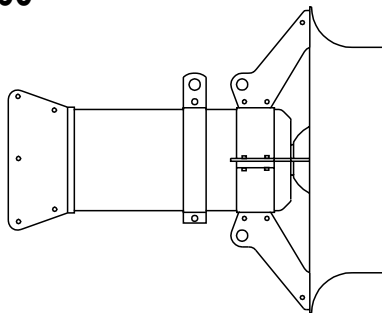
Motor		
3-phase	Max. power, input: Rated power, output: Speed:	3.4 kW 2.5 kW 705* RPM
WEIGHT:	70 kg (incl. jetring)	

4650



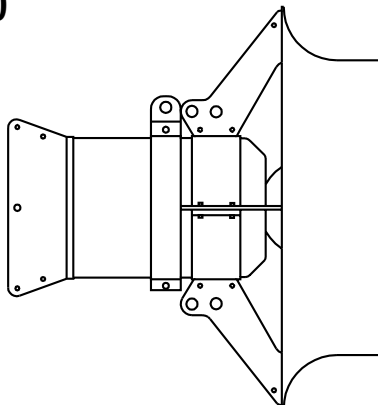
Motor		
3-phase	Max. power, input: Rated power, output: Speed:	6.9 kW 5.0 kW 480* RPM
WEIGHT:	175 kg (incl. jetring)	

4660



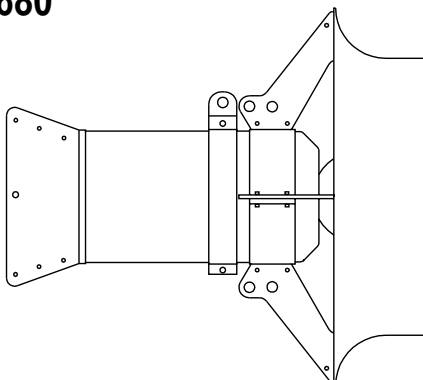
Motor		
3-phase	Max. power, input: Rated power, output: Speed:	13.4 kW 10.0 kW 475* RPM
WEIGHT:	220 kg (incl. jetring)	

4670



Motor		
3-phase	Max. power, input: Rated power, output: Speed:	17.1 kW 13.0 kW 360* RPM
WEIGHT:	350 kg (incl. jetring)	

4680



Motor		
3-phase	Max. power, input: Rated power, output: Speed:	32 kW 25 kW 360* RPM
WEIGHT:	470 kg (incl. jetring)	

* 400 V

Submersible mixers (overview of selection)

Mixing Range Chart

	4400	4410/ 4430	4610	4620	4630	4640	4650	4660	4670	4680
Aeration basins	×	■	▲	×	×	×	●	■	■	★
Dinitrification tanks	×	■	▲	×	×	×	●	■	■	★
Flocculation	○	■	○	○	○	○	○	○	○	○
Digesters	○	○	○	×	×	●	●	■	■	★
Sludge homogenizing 5 %	□	○	○	▲	▲	×	●	●	■	★
Neutralization	●	★	×	●	●	■	■	★	★	★
Stormwater retention basins	×	○	▲	×	×	×	●	■	★	★
Liquid manure	▲	○	○	×	×	●	●	■	■	★
Biological processes	▲	○	○	▲	×	×	●	■	■	★
Paper pulp 3-4 %	□	○	○	□	□	□	□	▲	▲	×
Lime slurry 40 %	□	○	○	□	□	□	▲	×	●	■
Other mineral slurries 40 %	□	○	○	□	□	□	▲	×	●	■
Cooling basins	□	○	□	□	□	▲	×	×	●	■
Blending (0.5 h, visc. <500 cp)	×	■	×	×	×	●	■	★	★	★
Blending (0.5 h, visc. >500 cp)	×	●	▲	×	×	×	●	●	●	■
Ice prevention	*	*	*	*	*	*	*	*	*	*
Spray painting plants	▲	○	□	▲	▲	×	×	●	○	○
Emptying of lagoons	**	**	**	**	**	**	**	**	**	**
Destratification & prevention of crust buildup	★	★	■	★	★	★	★	★	★	★

Volume ranges:

Volumes are indicated for one single mixer unit. Volumes for applications not listed will depend on: tank configuration, variations in liquid consistency, proper positioning of the mixer(s) and on unusual local conditions.

- Normally not applicable
- 0- 30 m³
- ▲ 20- 100 m³
- ×
- 200-1000 m³
- 600-3000 m³
- ★ 2000- m³

* Open water surface area, ranging from 0 to 5000 m² depending on mixer and conditions.

** **Partial (localized) mixing.**
Sizing dependent on slurry quality and pumping capacity.

Materials of construction

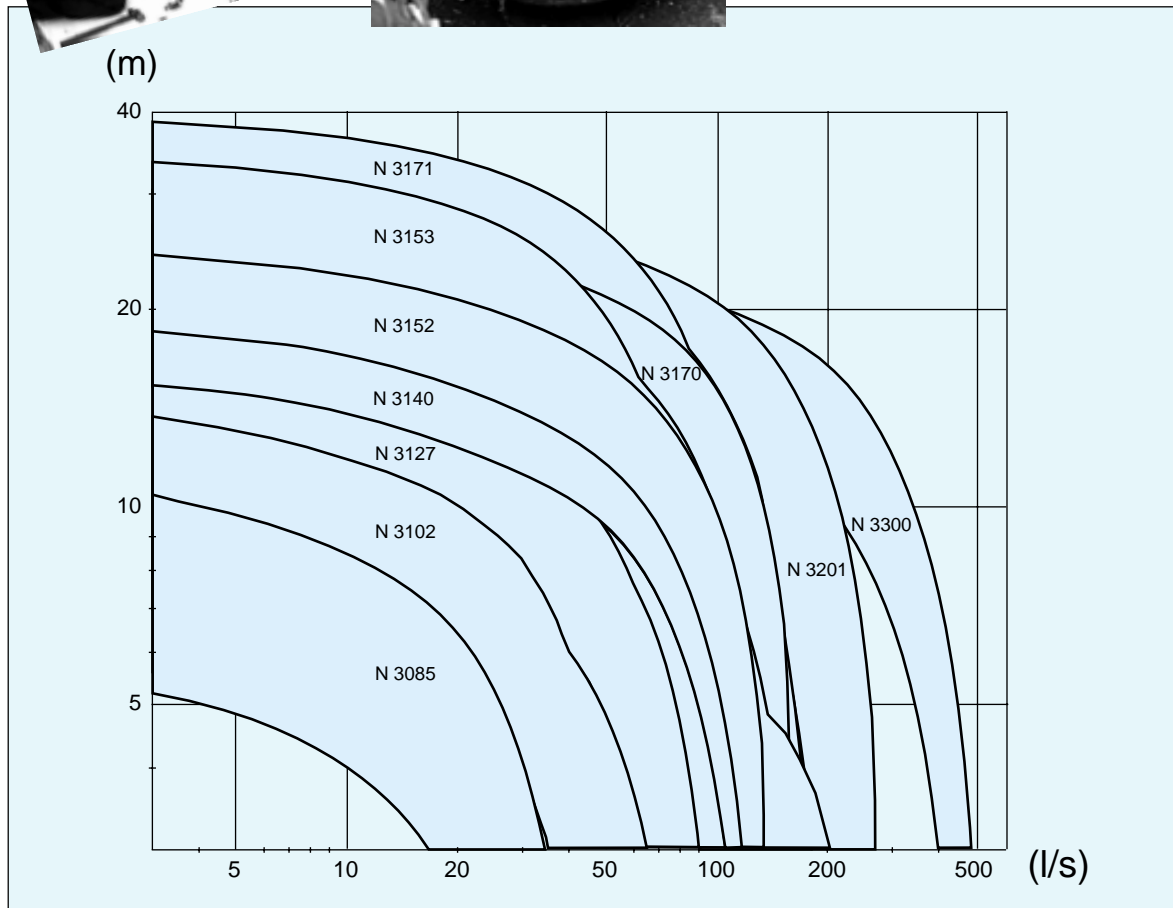
ITT Flygt offers a wide range of suitable materials of construction. In addition to the standard models in high quality, pressure-resistant cast iron, models are available also in acid- and corrosion-resistant stainless steel. Modular design allows the selective assembly of parts in various material combinations.

Note:

The above values are recommended only, based on empirical data. For detailed information contact your nearest FLYGT Sales Office. A mixer application specialist will analyze your data and, using the latest in computer software technology, will provide exact specifications, selection and layout most suitable and most economical for your particular application.

N-PUMPS • 50 Hz

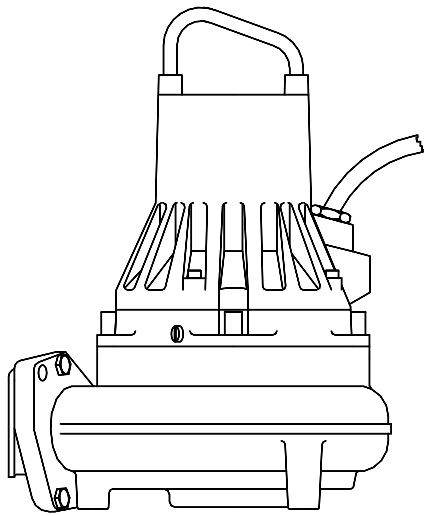
SMALL AND MEDIUM SIZE



The state of the art impeller design for waste water. Excellent clog resistance is combined with high efficiency. The high efficiency is maintained over time due to the self cleaning design incorporating heavily back swept leading edges and a relief groove in the volute.

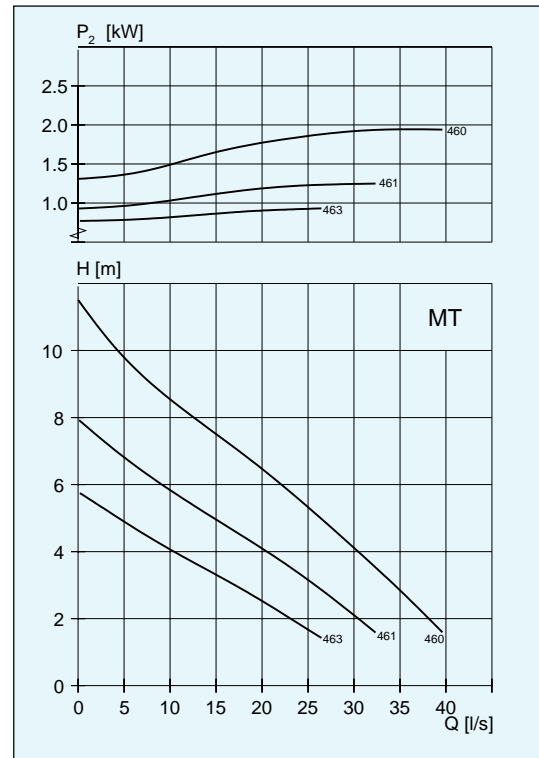


N 3085



Weight, kg	NP	NS	NT	NZ
MT	66	68	71	88

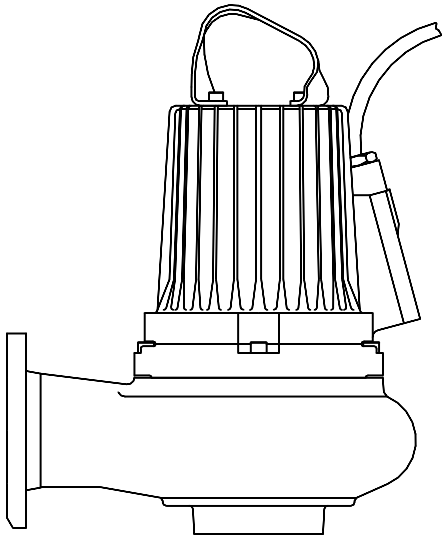
NP/NS/NT/NZ



Impeller code	No. of vanes	Outlet dia mm NP vers.	Motor rating kW		rpm	Available versions
			P_1	P_2		
• 460	2	80/100	2.7	2.0	1395	NP/NS/NT/NZ
• W461	2	80/100	2.7	2.0	1395	NP/NS/NT/NZ
• W463	2	80/100	2.7	2.0	1395	NP/NS/NT/NZ
• 461*	2	80/100	2.0	1.5	1440	NP/NS/NT/NZ
• 463*	2	80/100	2.0	1.5	1440	NP/NS/NT/NZ

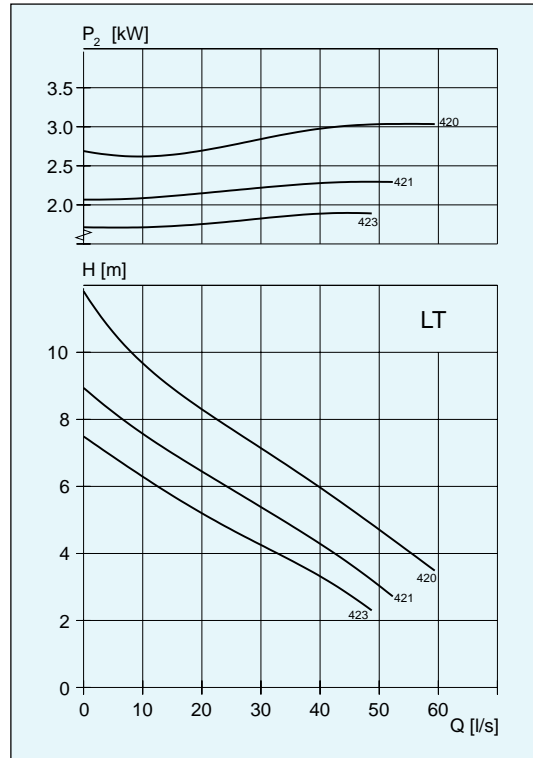
- * Single-phase
- Can be equipped with flush valve

N 3102



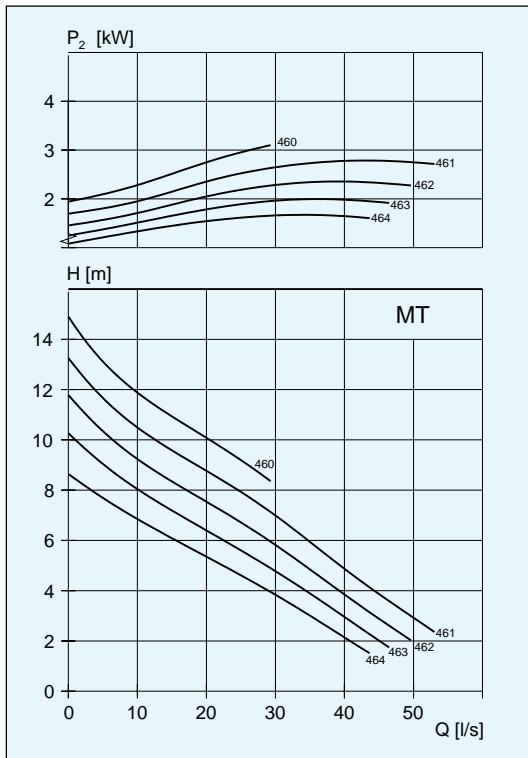
Weight, kg	NP	NS	NT	NZ
LT	120	138	166	209
MT	107	116	154	191

NP/NS/NT/NZ



Impeller code	No. of vanes	Outlet dia mm NP vers.	Motor rating kW		rpm	Available versions
			P_1	P_2		
•W420	2	150	3.8	3.1	1435	NPNS
•W421	2	150	3.8	3.1	1435	NPNS
•W423	2	150	3.8	3.1	1435	NPNS
420	2	150	2.9	2.4	1450	NT/NZ
421	2	150	2.9	2.4	1450	NT/NZ
423	2	150	2.9	2.4	1450	NT/NZ

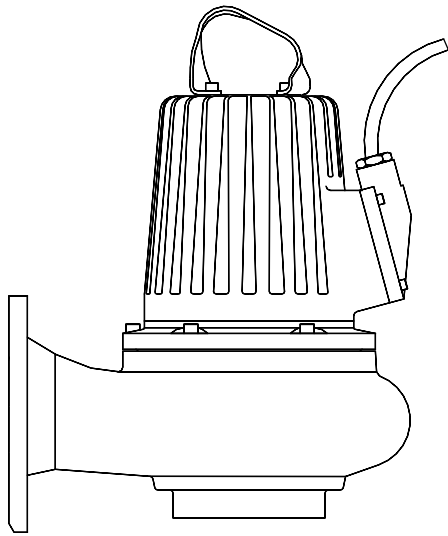
NP/NS/NT/NZ



Impeller code	No. of vanes	Outlet dia mm NP vers.	Motor rating kW		rpm	Available versions
			P_1	P_2		
•W460	2	150	3.8	3.1	1435	NPNS
•W461	2	150	3.8	3.1	1435	NPNS
•W462	2	150	3.8	3.1	1435	NPNS
•W463	2	150	3.8	3.1	1435	NPNS
•W464	2	150	3.8	3.1	1435	NPNS
460	2	150	2.9	2.4	1450	NT/NZ
461	2	150	2.9	2.4	1450	NT/NZ
462	2	150	2.9	2.4	1450	NT/NZ
463	2	150	2.9	2.4	1450	NT/NZ
464	2	150	2.9	2.4	1450	NT/NZ

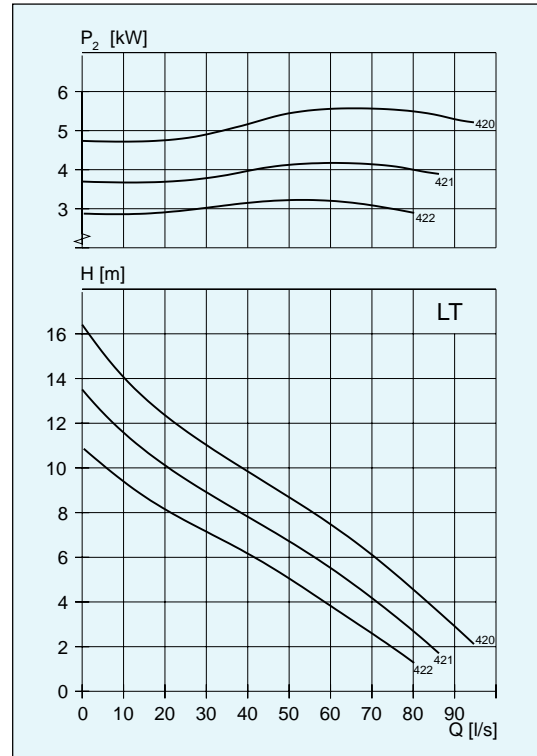
- Can be equipped with flush valve

N 3127



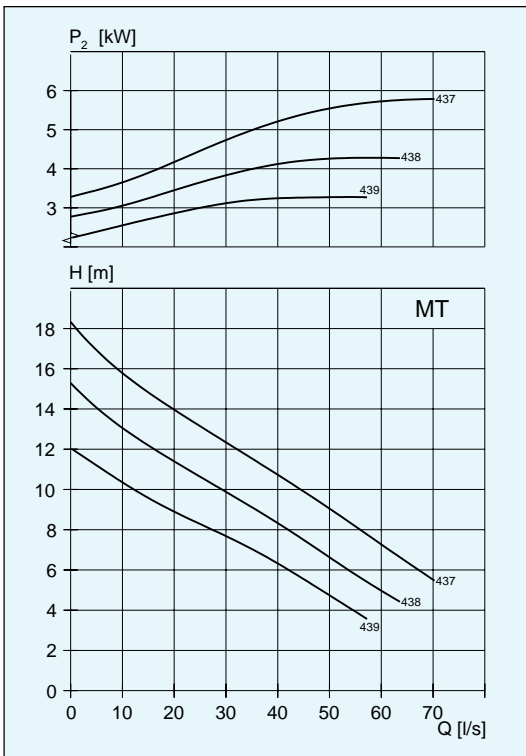
Weight, kg	NP	NS	NT	NZ
LT	154	183	220	220
MT	142	158	188	188

NP/NS/NT/NZ



Impeller code	No. of vanes	Outlet dia mm NP vers.	Motor rating kW		rpm	Available versions
			P ₁	P ₂		
• 420	2	150	7.0	5.9	1450	NPNS
• W421	2	150	7.0	5.9	1450	NPNS
• 421	2	150	5.7	4.7	1445	NPNS
• W422	2	150	7.0	5.9	1445	NPNS
• 422	2	150	5.7	4.7	1445	NPNS
421	2	150	5.7	4.7	1445	NTNZ
422	2	150	5.7	4.7	1445	NTNZ
421	2	150	4.8	4.0	1445	NTNZ
422	2	150	4.8	4.0	1445	NTNZ

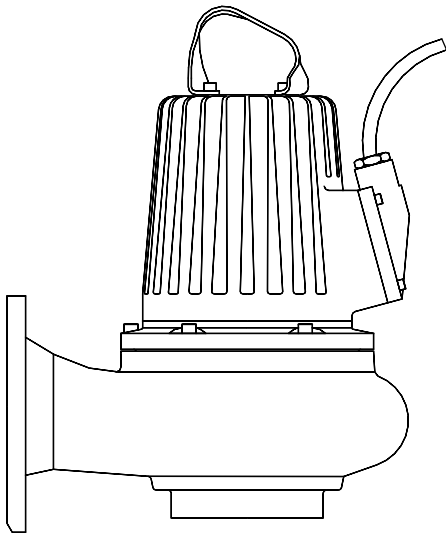
NP/NS/NT/NZ



Impeller code	No. of vanes	Outlet dia mm NP vers.	Motor rating kW		rpm	Available versions
			P ₁	P ₂		
• W437	2	100/150	7.0	5.9	1450	NPNS
• W438	2	100/150	7.0	5.9	1450	NPNS
• 438	2	100/150	5.7	4.7	1445	NPNS
• W439	2	100/150	7.0	5.9	1445	NPNS
• 439	2	100/150	5.7	4.7	1445	NPNS
438	2	100/150	5.7	4.7	1445	NTNZ
439	2	100/150	5.7	4.7	1445	NTNZ
439	2	100/150	4.8	4.0	1445	NTNZ

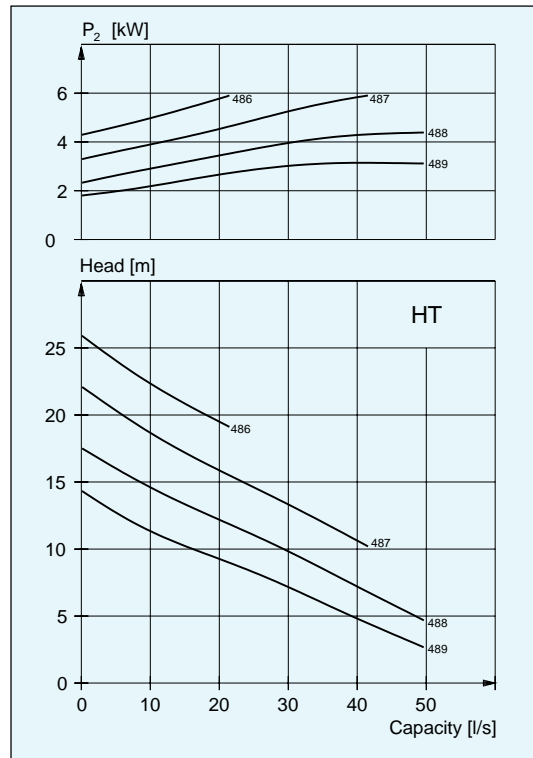
• Can be equipped with flush valve

N 3127



Weight, kg	NP	NS	NT	NZ
HT	136	142	156	200

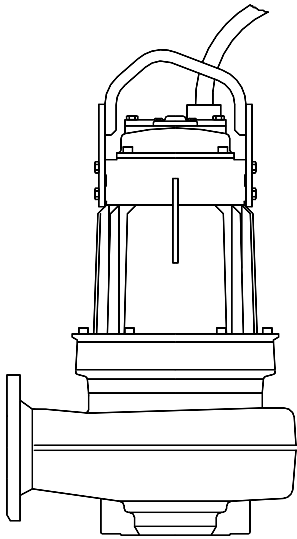
NP/NS/NT/NZ



Impeller code	No. of vanes	Outlet dia mm NP vers.	Motor rating kW		rpm	Available versions
			P_1	P_2		
•486	2	100	7.0	5.9	1450	NPNS
•486	2	100	5.7	4.7	1445	NPNS
•487	2	100	7.0	5.9	1450	NPNS
•487	2	100	5.7	4.7	1445	NPNS
•W488	2	100	7.0	5.9	1450	NPNS
•488	2	100	5.7	4.7	1445	NPNS
•W489	2	100	7.0	5.9	1450	NPNS
•489	2	100	5.7	4.7	1445	NPNS
488	2	100	5.7	4.7	1445	NT/NZ
488	2	100	4.8	4.0	1445	NT/NZ
489	2	100	5.7	4.7	1445	NT/NZ
489	2	100	4.8	4.0	1445	NT/NZ

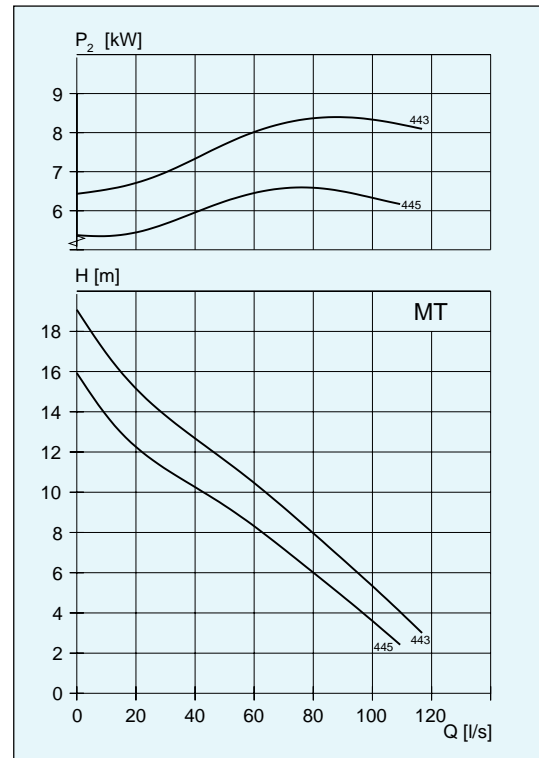
- Can be equipped with flush valve

N 3140



Weight, kg	NP	NS
MT	252	281

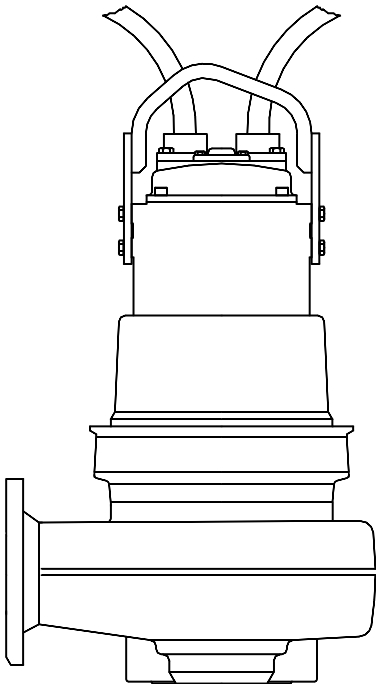
NP/NS



Impeller code	No. of vanes	Outlet dia mm NP vers.	Motor rating kW		rpm	Available versions
			P_1	P_2		
• 443	2	150	10.7	9.0	1455	NPNS
• 445	2	150	10.7	9.0	1455	NPNS

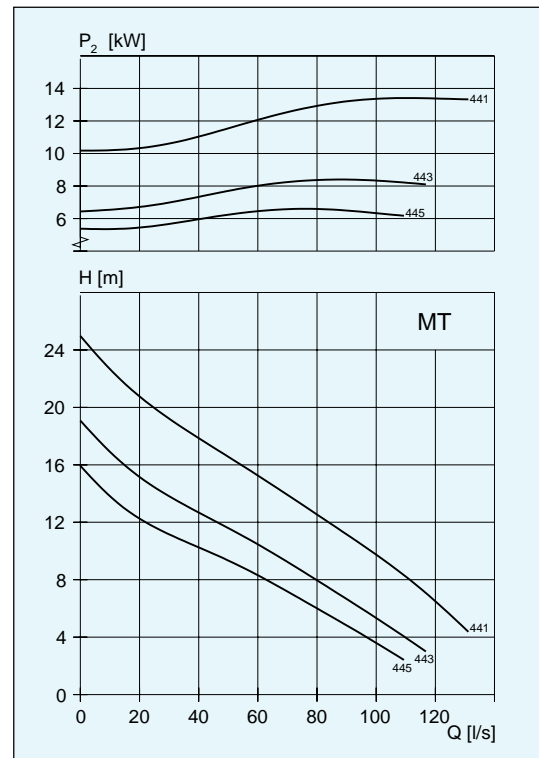
• Can be equipped with flush valve

N 3152



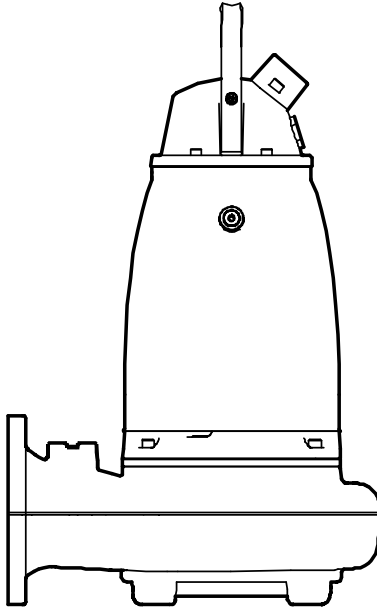
Weight, kg	NP	NS	NT	NZ
MT	279	320	348	348

NP/NS/NT/NZ



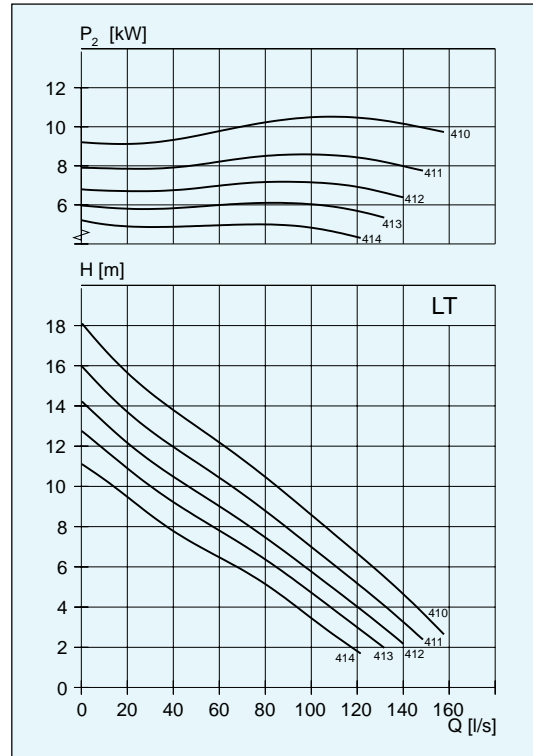
Impeller code	No. of vanes	Outlet dia mm NP vers.	Motor rating kW		rpm	Available versions
			P_1	P_2		
• 441	2	150	15.8	13.5	1450	NPNS/NT/NZ
• W443	2	150	15.8	13.5	1450	NPNS/NT/NZ
• 443	2	150	10.7	9.0	1455	NPNS/NT/NZ
• W445	2	150	15.8	13.5	1450	NPNS/NT/NZ
• 445	2	150	10.7	9.0	1455	NPNS/NT/NZ

N 3153



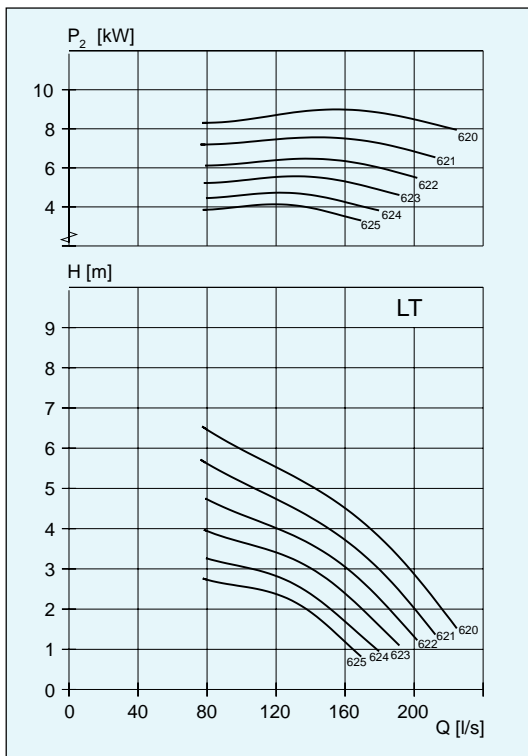
Weight, kg	NP	NS	NT	NZ
LT	239	257	326	327
LT, 6-pole	298	361	417	386
MT	203	232	272	256
HT	189	209	235	232

NP/NS/NT/NZ



Impeller code	No. of vanes	Outlet dia mm NP vers.	Motor rating kW		rpm	Available versions
			P ₁	P ₂		
•W410	2	200	12.7	11.0	1460	NPNSNTNZ
•W411	2	200	12.7	11.0	1460	NPNSNTNZ
•411	2	200	10.4	9.0	1460	NPNSNTNZ
•W412	2	200	12.7	11.0	1460	NPNSNTNZ
•412	2	200	10.4	9.0	1460	NPNSNTNZ
•412	2	200	8.8	7.5	1460	NPNSNTNZ
•W413	2	200	12.7	11.0	1460	NPNSNTNZ
•413	2	200	10.4	9.0	1460	NPNSNTNZ
•413	2	200	8.8	7.5	1460	NPNSNTNZ
•W414	2	200	12.7	11.0	1460	NPNSNTNZ
•414	2	200	10.4	9.0	1460	NPNSNTNZ
•414	2	200	8.8	7.5	1460	NPNSNTNZ

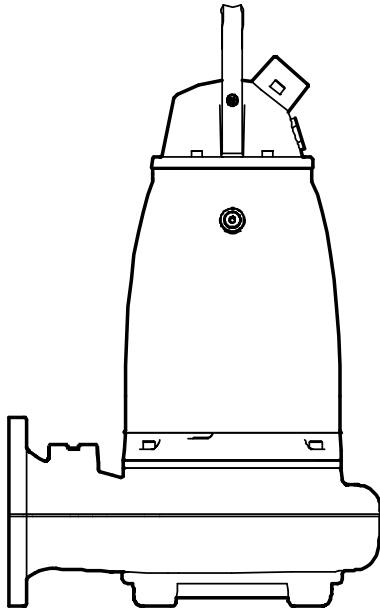
NP/NS/NT/NZ



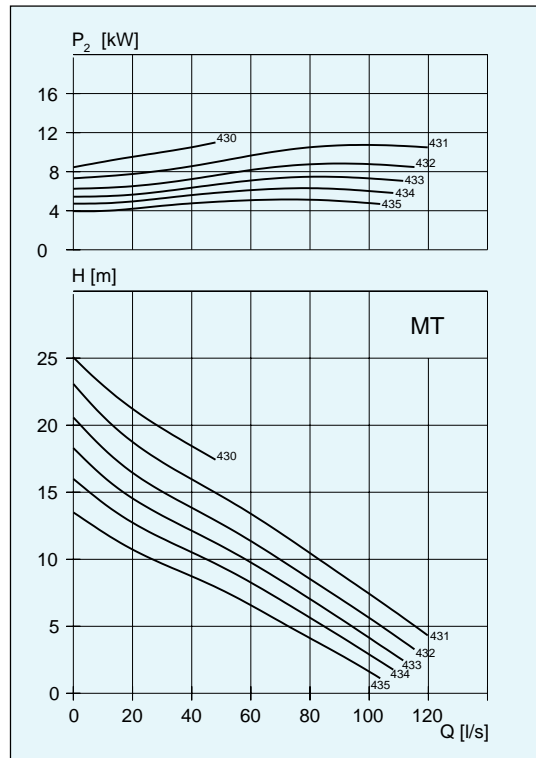
Impeller code	No. of vanes	Outlet dia mm NP vers.	Motor rating kW		rpm	Available versions
			P ₁	P ₂		
•620	2	250	10.5	9.0	955	NPNSNTNZ
•621	2	250	10.5	9.0	955	NPNSNTNZ
•622	2	250	10.5	9.0	955	NPNSNTNZ
•623	2	250	10.5	9.0	955	NPNSNTNZ
•624	2	250	10.5	9.0	955	NPNSNTNZ
•625	2	250	10.5	9.0	955	NPNSNTNZ

• Can be equipped with flush valve

N 3153



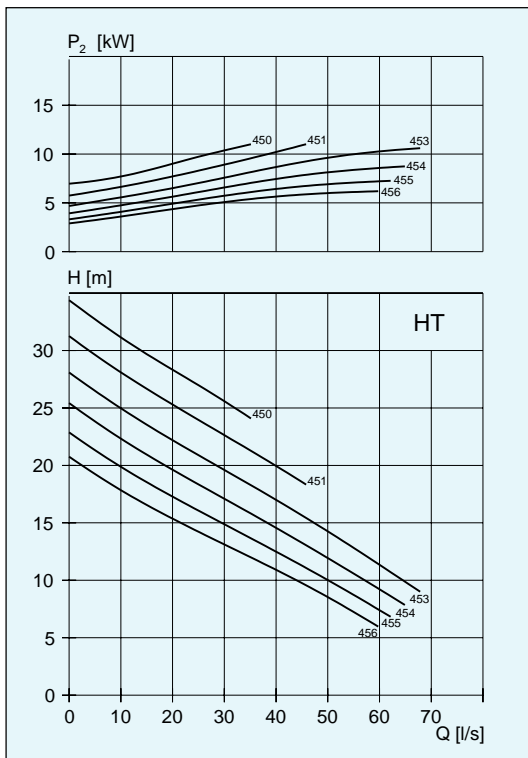
NP/NS/NT/NZ



Impeller code	No. of vanes	Outlet dia mm NP vers.	Motor rating kW		rpm	Available versions
			P ₁	P ₂		
• W430	2	150	12.7	11.0	1460	NP/NS/NT/NZ
• W431	2	150	12.7	11.0	1460	NP/NS/NT/NZ
• 431	2	150	10.4	9.0	1460	NP/NS/NT/NZ
• W432	2	150	12.7	11.0	1460	NP/NS/NT/NZ
• 432	2	150	10.4	9.0	1460	NP/NS/NT/NZ
• 432	2	150	8.8	7.5	1460	NP/NS/NT/NZ
• W433	2	150	12.7	11.0	1460	NP/NS/NT/NZ
• 433	2	150	10.4	9.0	1460	NP/NS/NT/NZ
• 433	2	150	8.8	7.5	1460	NP/NS/NT/NZ
• W434	2	150	12.7	11.0	1460	NP/NS/NT/NZ
• 434	2	150	10.4	9.0	1460	NP/NS/NT/NZ
• 434	2	150	8.8	7.5	1460	NP/NS/NT/NZ

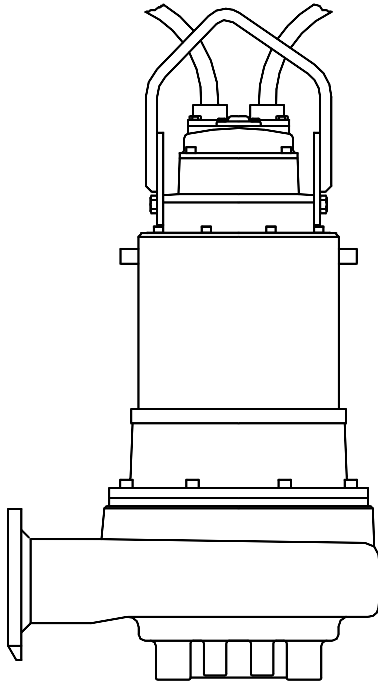
• Can be equipped with flush valve

NP/NS/NT/NZ



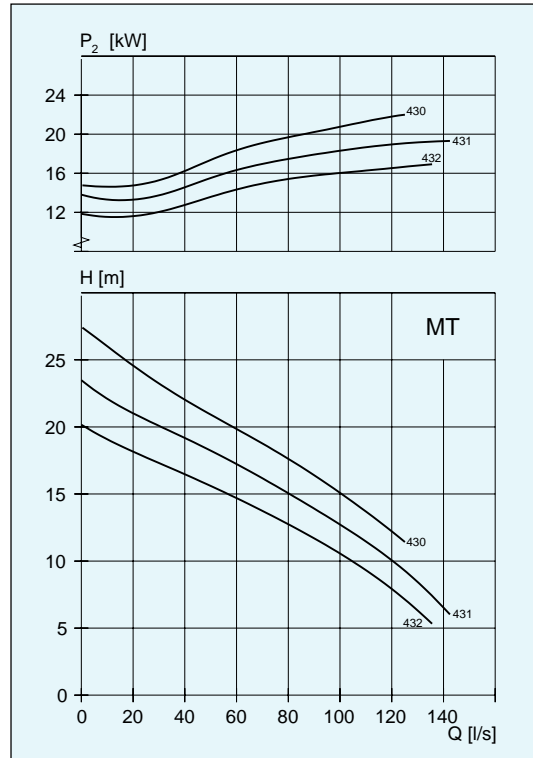
Impeller code	No. of vanes	Outlet dia mm NP vers.	Motor rating kW		rpm	Available versions
			P ₁	P ₂		
• W450	2	100	12.7	11.0	1460	NP/NS/NT/NZ
• W451	2	100	12.7	11.0	1460	NP/NS/NT/NZ
• W453	2	100	12.7	11.0	1460	NP/NS/NT/NZ
• W454	2	100	12.7	11.0	1460	NP/NS/NT/NZ
• 454	2	100	10.4	9.0	1460	NP/NS/NT/NZ
• W455	2	100	12.7	11.0	1460	NP/NS/NT/NZ
• 455	2	100	10.4	9.0	1460	NP/NS/NT/NZ
• 455	2	100	8.8	7.5	1460	NP/NS/NT/NZ
• W456	2	100	12.7	11.0	1460	NP/NS/NT/NZ
• 456	2	100	10.4	9.0	1460	NP/NS/NT/NZ
• 456	2	100	8.8	7.5	1460	NP/NS/NT/NZ

N 3170



Weight, kg	NP	NS
MT	522	542

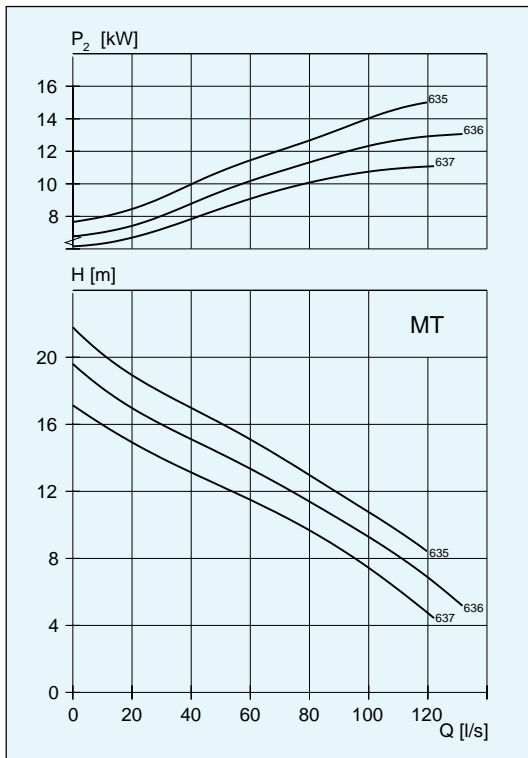
NP/NS



Impeller code	No. of vanes	Outlet dia mm NP vers.	Motor rating kW		rpm	Available versions
			P ₁	P ₂		
• 430	2	150	25	22	1460	NP/NS
• 431	2	150	25	22	1460	NP/NS
• 432	2	150	25	22	1460	NP/NS

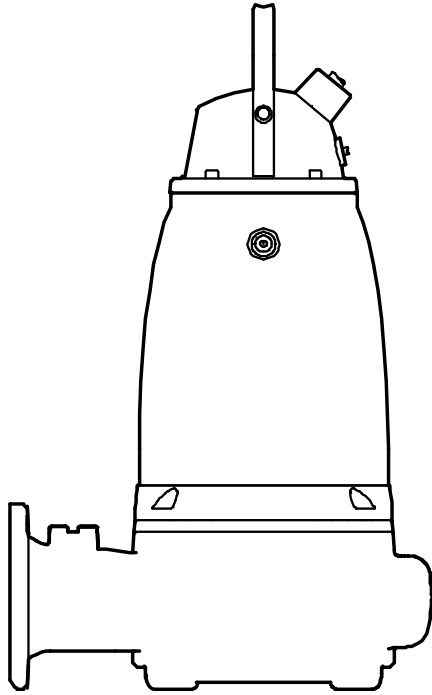
• Can be equipped with flush valve

NP/NS



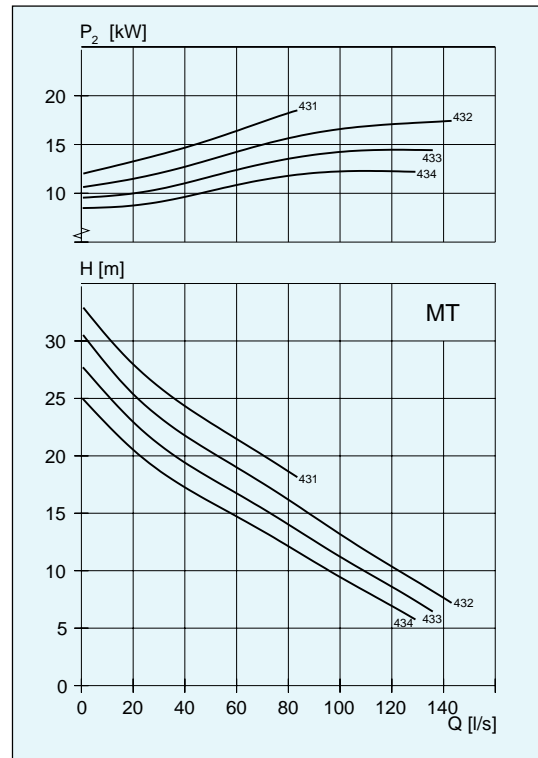
Impeller code	No. of vanes	Outlet dia mm NP vers.	Motor rating kW		rpm	Available versions
			P ₁	P ₂		
• 635	2	150	17.5	15	1460	NP/NS
• 636	2	150	17.5	15	1460	NP/NS
• 637	2	150	17.5	15	1460	NP/NS

N 3171



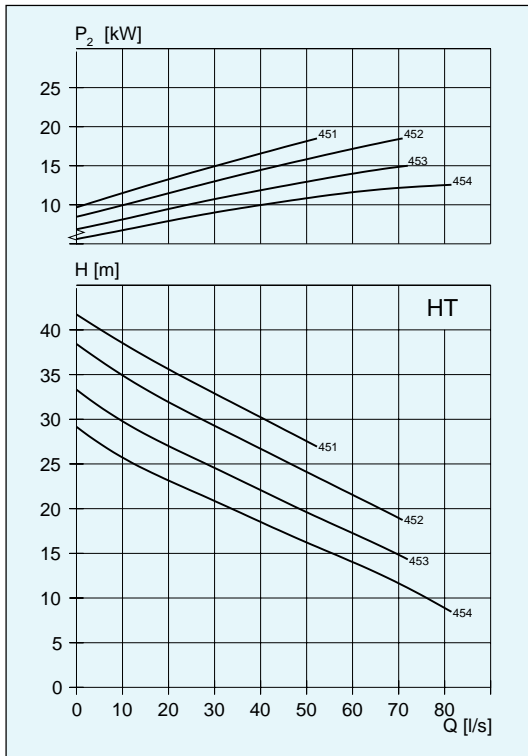
Weight, kg	NP	NS	NT
MT	312	345	399
HT	290	310	359

NP/NS/NT/NZ



Impeller code	No. of vanes	Outlet dia mm NP vers.	Motor rating kW		rpm	Available versions
			P ₁	P ₂		
•W431	2	150	21.0	18.5	1460	NPNS/NT/NZ
•W432	2	150	21.0	18.5	1460	NPNS/NT/NZ
•W433	2	150	21.0	18.5	1460	NPNS/NT/NZ
•433	2	150	17.2	15.0	1460	NPNS/NT/NZ
•W434	2	150	21.0	18.5	1460	NPNS/NT/NZ
•434	2	150	17.2	15.0	1460	NPNS/NT/NZ
•434	2	150	15.1	13.0	1460	NPNS/NT/NZ

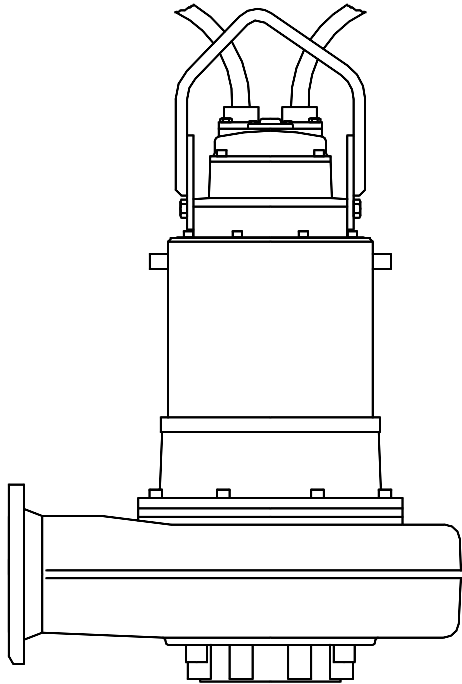
NP/NS/NT/NZ



Impeller code	No. of vanes	Outlet dia mm NP vers.	Motor rating kW		rpm	Available versions
			P ₁	P ₂		
•W451	2	100	21.0	18.5	1460	NPNS/NT/NZ
•W452	2	100	21.0	18.5	1460	NPNS/NT/NZ
•W453	2	100	21.0	18.5	1460	NPNS/NT/NZ
•453	2	100	17.2	15.0	1460	NPNS/NT/NZ
•W454	2	100	21.0	18.5	1460	NPNS/NT/NZ
•454	2	100	17.2	15.0	1460	NPNS/NT/NZ
•454	2	100	15.1	13.0	1460	NPNS/NT/NZ

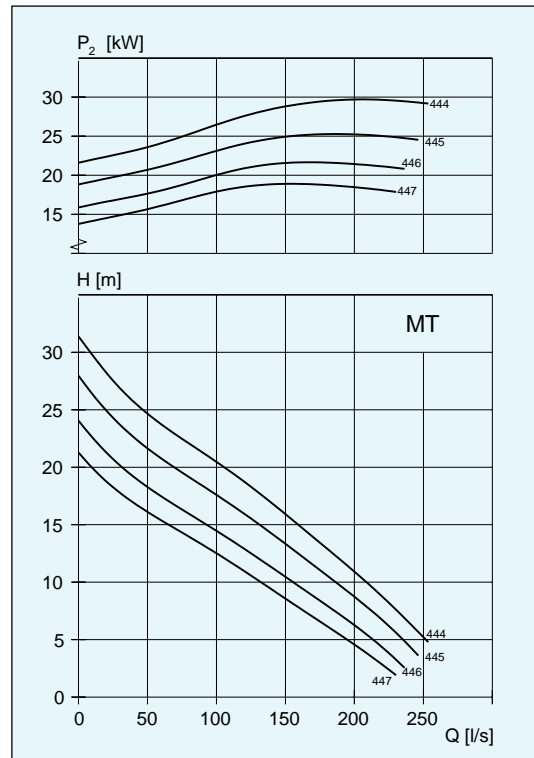
• Can be equipped with flush valve

N 3201



Weight, kg	NP	NS	NT	NZ
MT	570	598	635	635

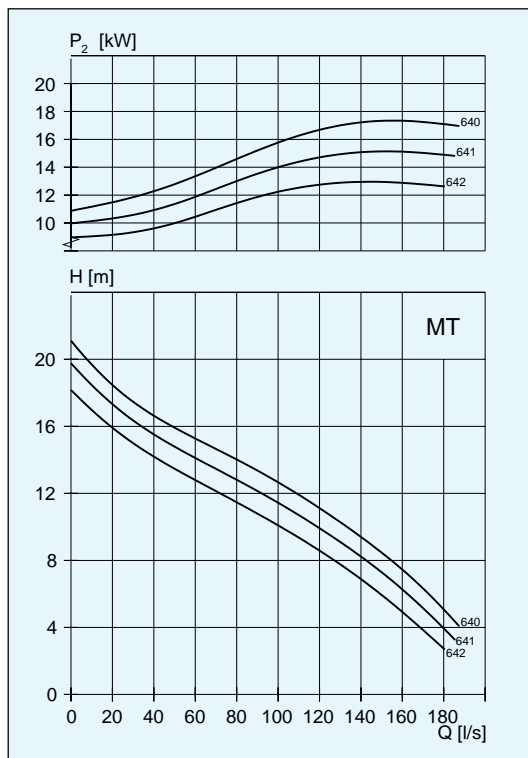
NP/NS/NT/NZ



Impeller code	No. of vanes	Outlet dia mm NP vers.	Motor rating kW		rpm	Available versions
			P ₁	P ₂		
• 444	2	200	34	30	1455	NPNSNTNZ
• 445	2	200	34	30	1455	NPNSNTNZ
• 446	2	200	34	30	1455	NPNSNTNZ
• 446	2	200	25	22	1460	NPNSNTNZ
• 447	2	200	34	30	1455	NPNSNTNZ
• 447	2	200	25	22	1460	NPNSNTNZ

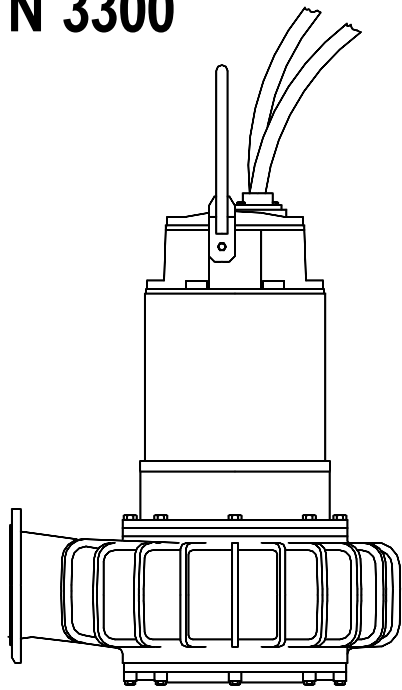
• Can be equipped with flush valve

NP/NS/NT/NZ



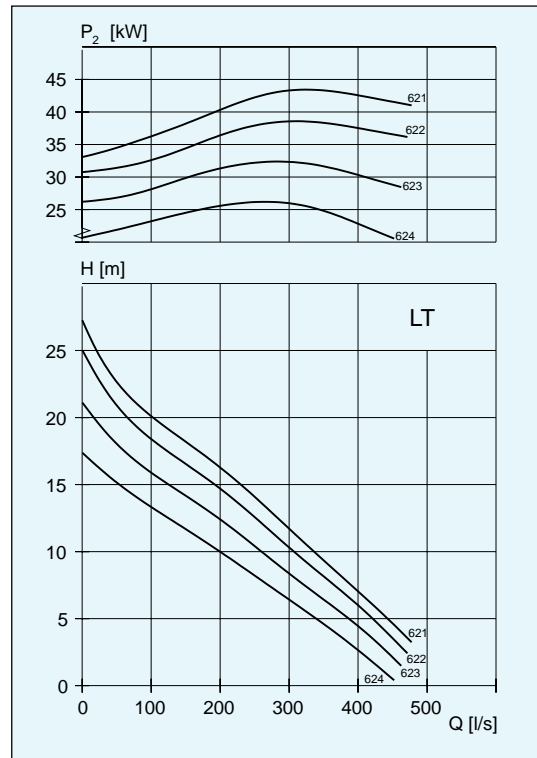
Impeller code	No. of vanes	Outlet dia mm NP vers.	Motor rating kW		rpm	Available versions
			P ₁	P ₂		
• W640	2	200	25	22	1460	NPNSNTNZ
• W641	2	200	25	22	1460	NPNSNTNZ
• W642	2	200	25	22	1460	NPNSNTNZ

N 3300



Weight, kg	NP	NS	NT	NZ
LT	1065	1180	1313	1313
MT	1092	1207	1340	1340

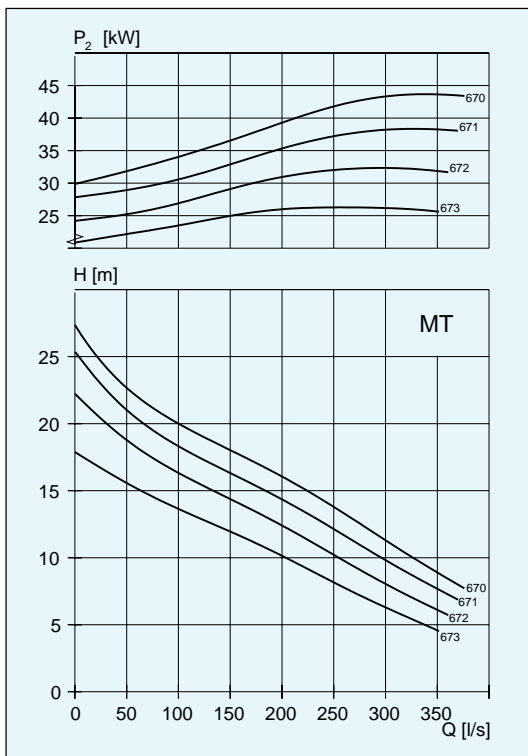
NP/NS/NT/NZ



Impeller code	No. of vanes	Outlet dia mm NP vers.	Motor rating kW		rpm	Available versions
			P ₁	P ₂		
• 621	2	300	50	44	975	NP/NS/NT/NZ
• 622	2	300	50	44	975	NP/NS/NT/NZ
• 623	2	300	50	44	975	NP/NS/NT/NZ
• 623	2	300	39	34	975	NP/NS/NT/NZ
• 624	2	300	50	44	975	NP/NS/NT/NZ
• 624	2	300	39	34	975	NP/NS/NT/NZ

• Can be equipped with flush valve

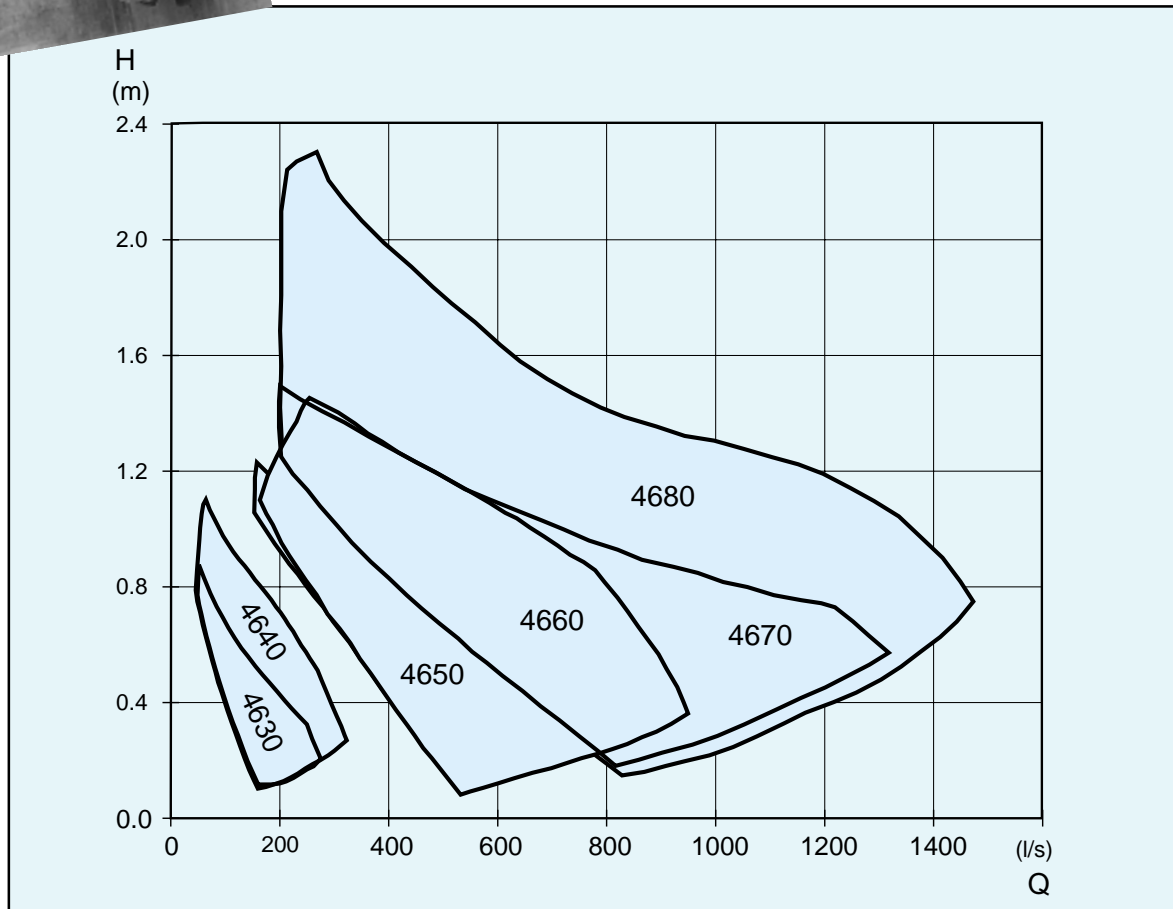
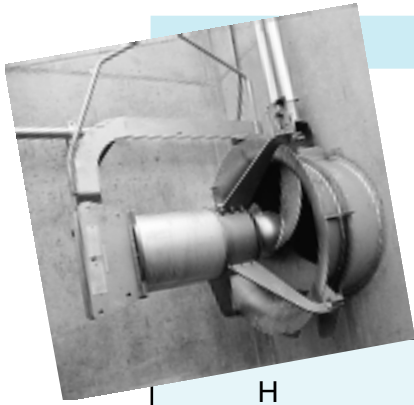
NP/NS/NT/NZ



Impeller code	No. of vanes	Outlet dia mm NP vers.	Motor rating kW		rpm	Available versions
			P ₁	P ₂		
• 670	2	250	50	44	975	NP/NS/NT/NZ
• 671	2	250	50	44	975	NP/NS/NT/NZ
• 672	2	250	50	44	975	NP/NS/NT/NZ
• 672	2	250	39	34	975	NP/NS/NT/NZ
• 673	2	250	50	44	975	NP/NS/NT/NZ
• 673	2	250	39	34	975	NP/NS/NT/NZ

PP 4600

PROPELLER-PUMPS • 50 Hz

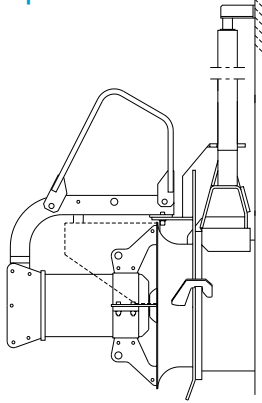


The 4600 propeller pump is designed for applications requiring very large capacity at ultra low head.

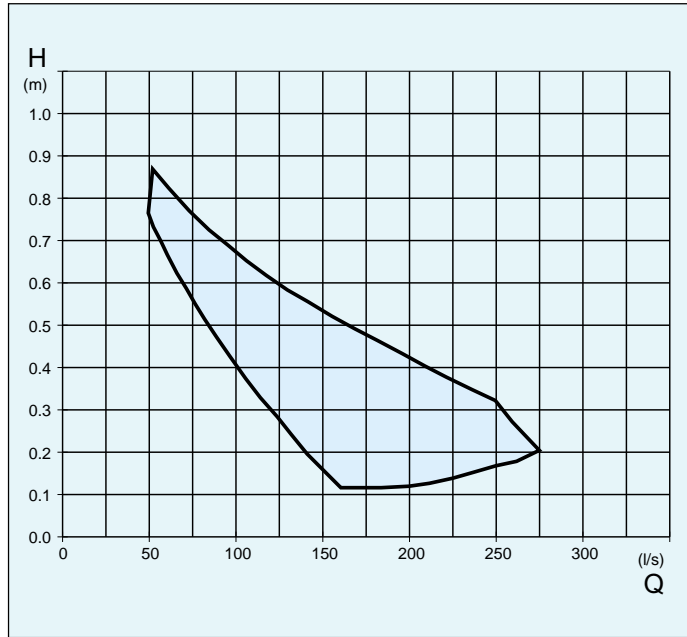


PP 4630

3-phase

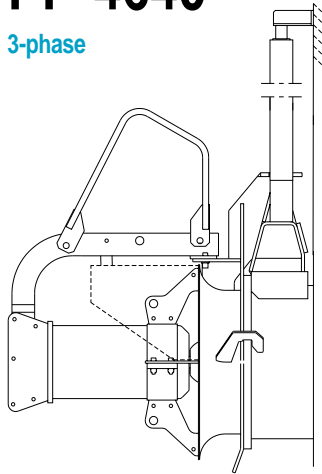


Max. power, input	2.1kW
Rated power, output	1.5kW
Speed	750* r/min
Weight	77 kg

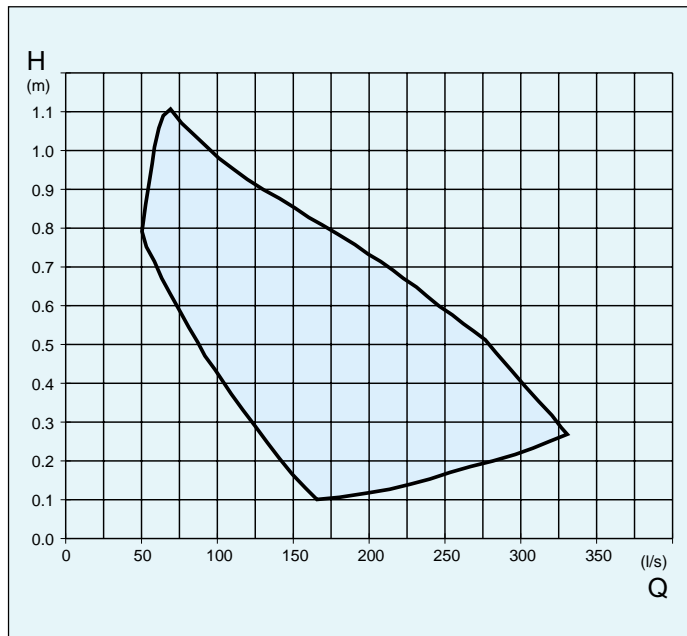


PP 4640

3-phase



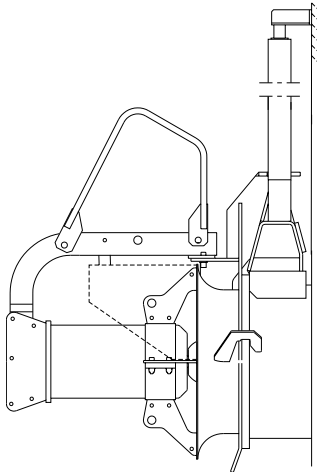
Max. power, input	3.4kW
Rated power, output	2.5kW
Speed	705* r/min
Weight	83 kg



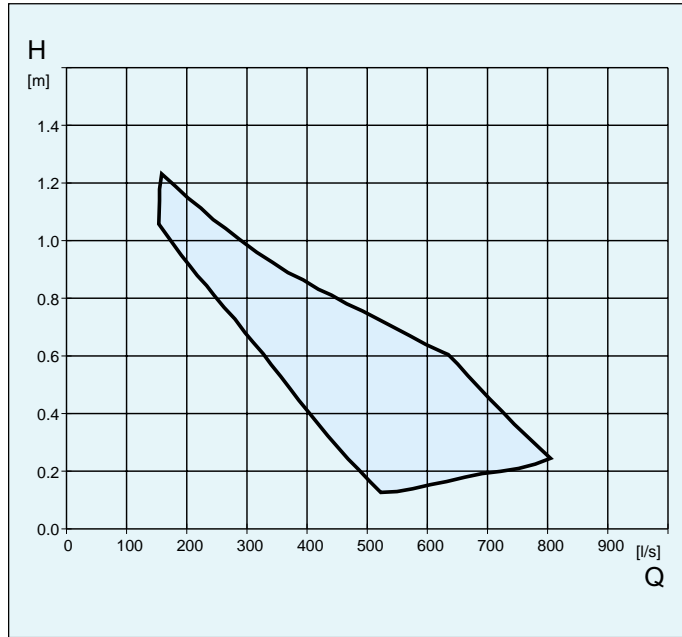
*400V

PP 4650

3-phase

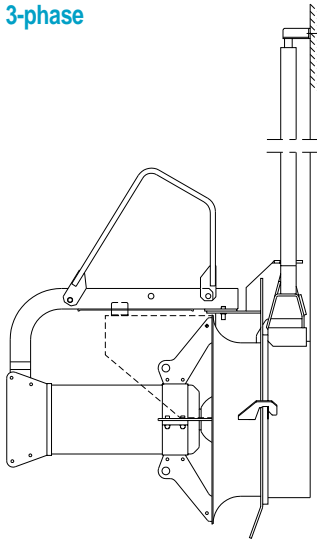


Max. power, input	6.9 kW
Rated power, output	5 kW
Speed	480* r/min
Weight	196 kg

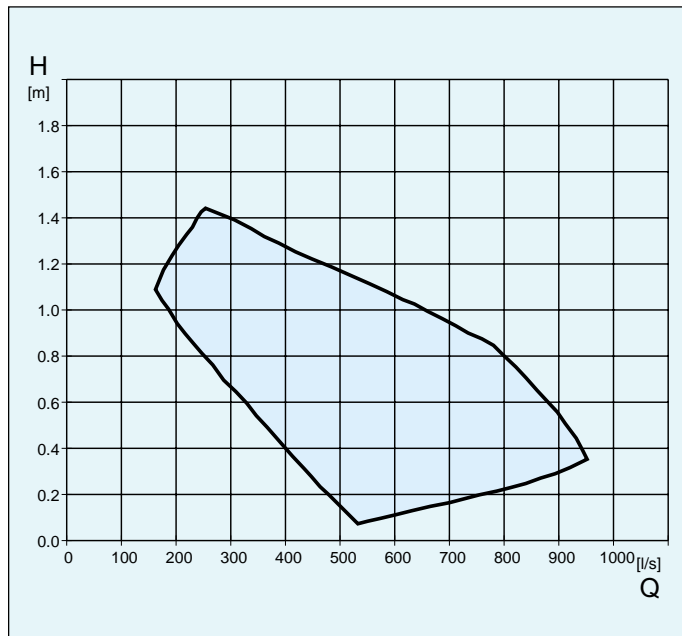


PP 4660

3-phase



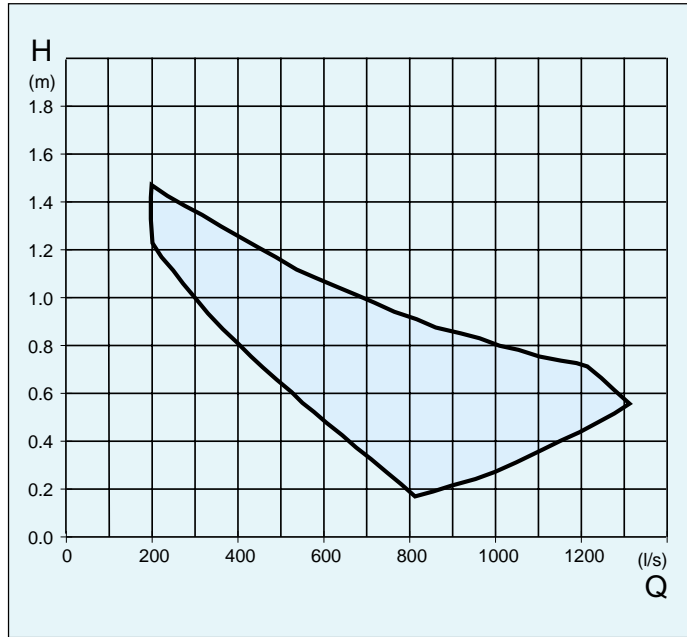
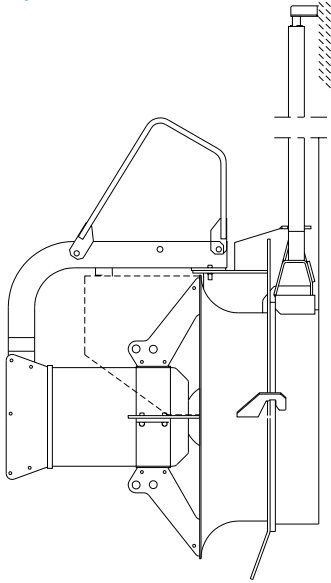
Max. power, input	13.4 kW
Rated power, output	10 kW
Speed	475* r/min
Weight	242 kg



*400V

PP 4670

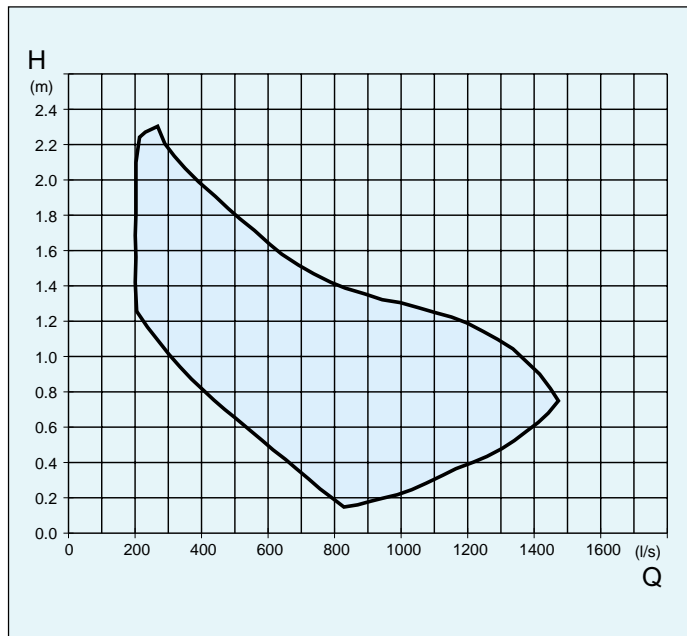
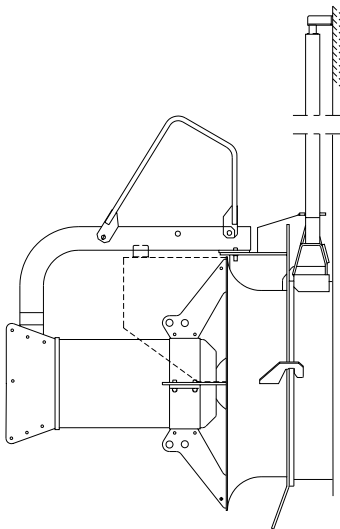
3-phase



Max. power, input	17.1 kW
Rated power, output	13 kW
Speed	360* r/min
Weight	395 kg

PP 4680

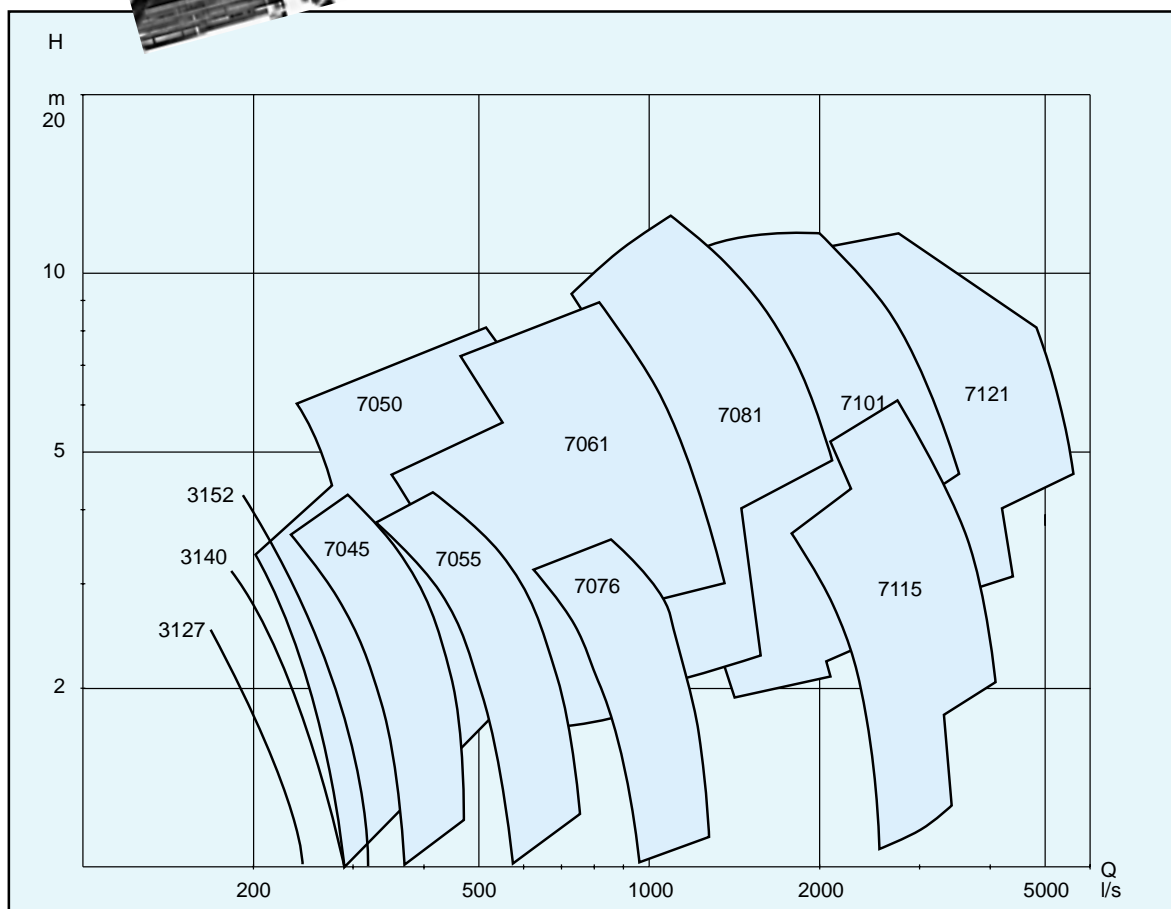
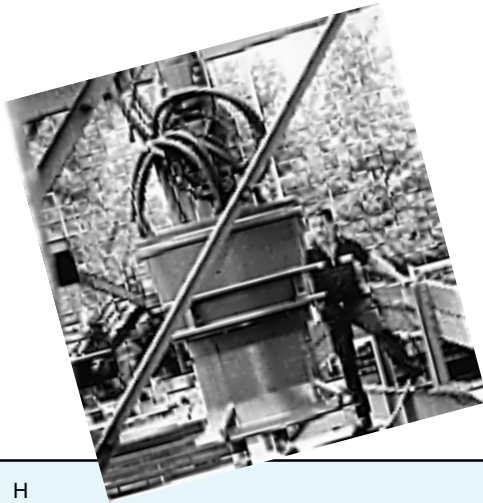
3-phase



Max. power, input	32 kW
Rated power, output	25 kW
Speed	360* r/min
Weight	516 kg

*400V

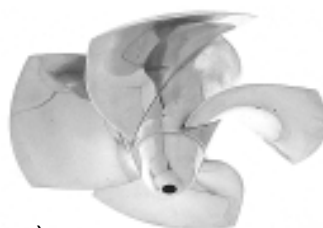
PROPELLER-PUMPS • 50 Hz



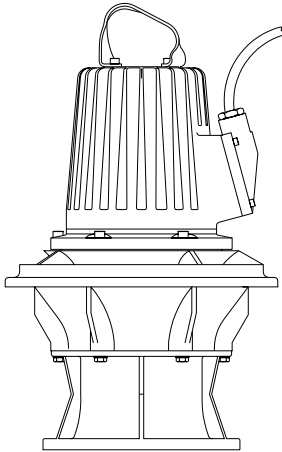
The propeller is dynamically balanced for minimum vibration and maximum life of seals and bearings.

Its new, hydrodynamic, conical design affords more efficient pumping.

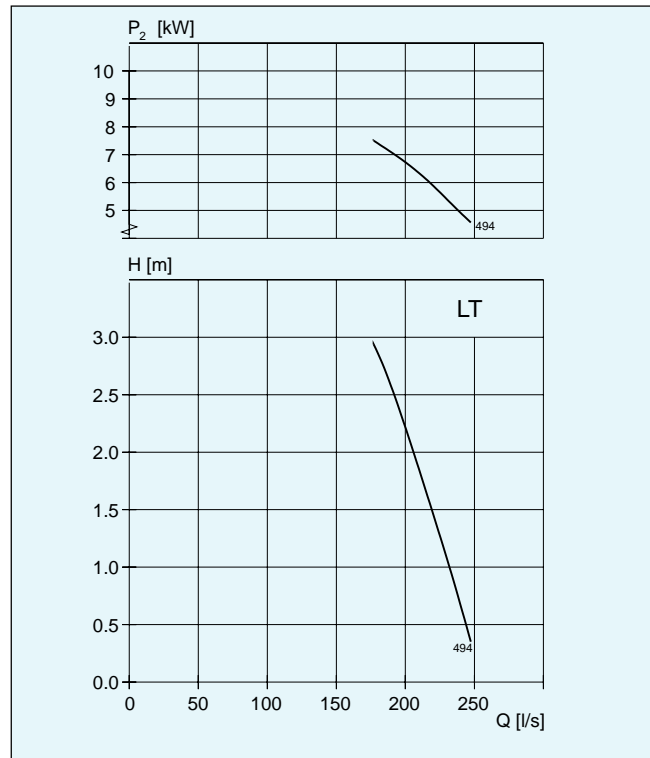
Moreover, the propeller's swept-back blades (for low-clogging performance) are numerically machined to match the pump's specified duty point.



P 3127

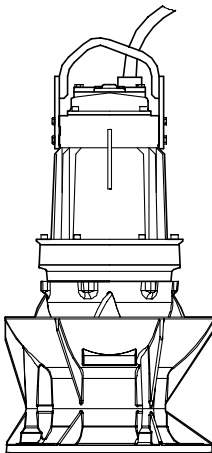


PL

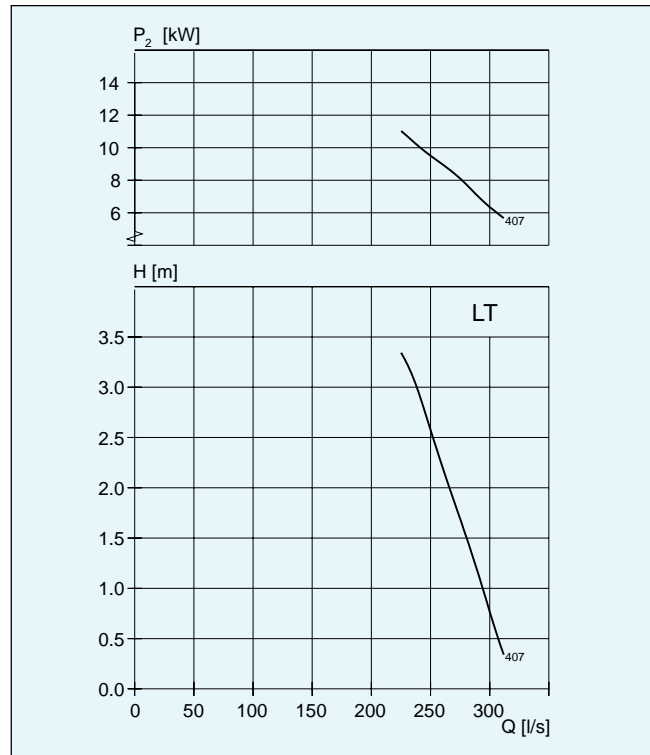


Curve code	Overall diam. mm diff. ring	Motor rating, kW		rpm	Max weight kg
		P_1	P_2		
494	∅490	9.1	7.5	1435	182

P 3140

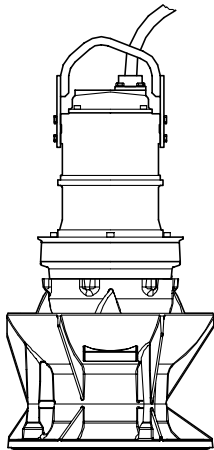


PL

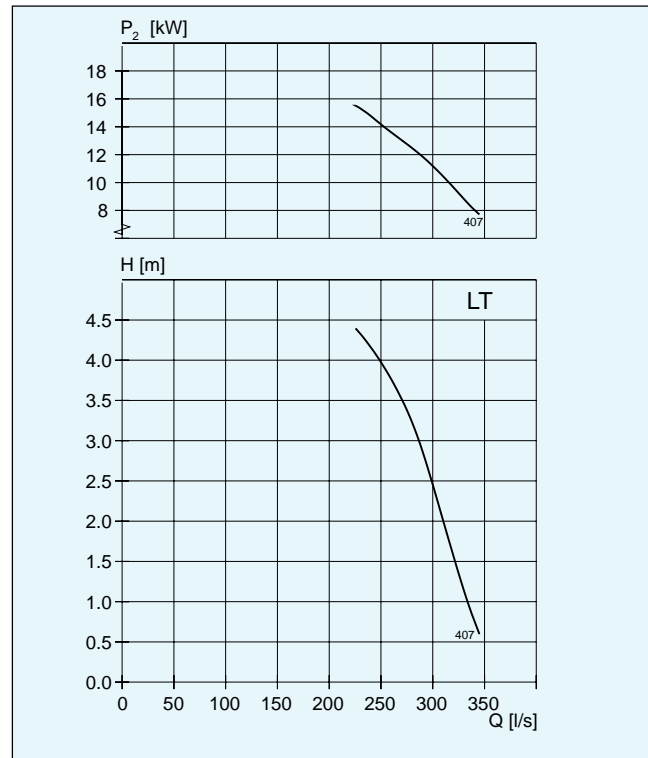


Curve code	Overall diam. mm diff. ring	Motor rating, kW		rpm	Max weight kg
		P_1	P_2		
407	∅575	13.3	11	1440	270

P 3152

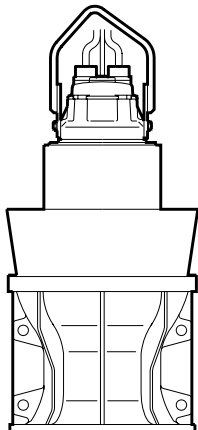


PL

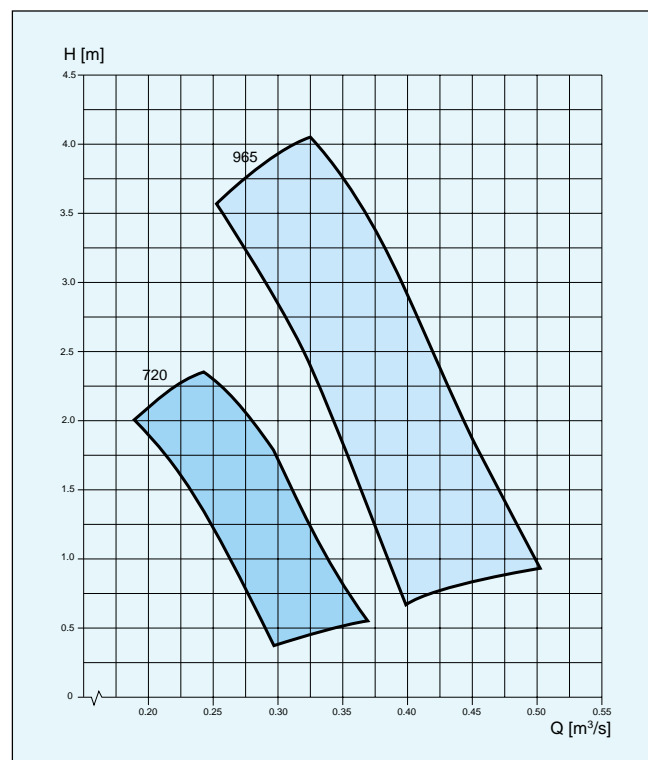


Curve code	Overall diam. mm diff. ring	Motor rating, kW		rpm	Max weight kg
		P ₁	P ₂		
407	∅ 575	18,4	15,5	1440	273

P 7045

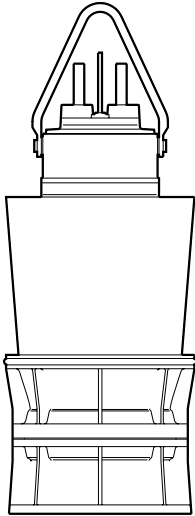


PL

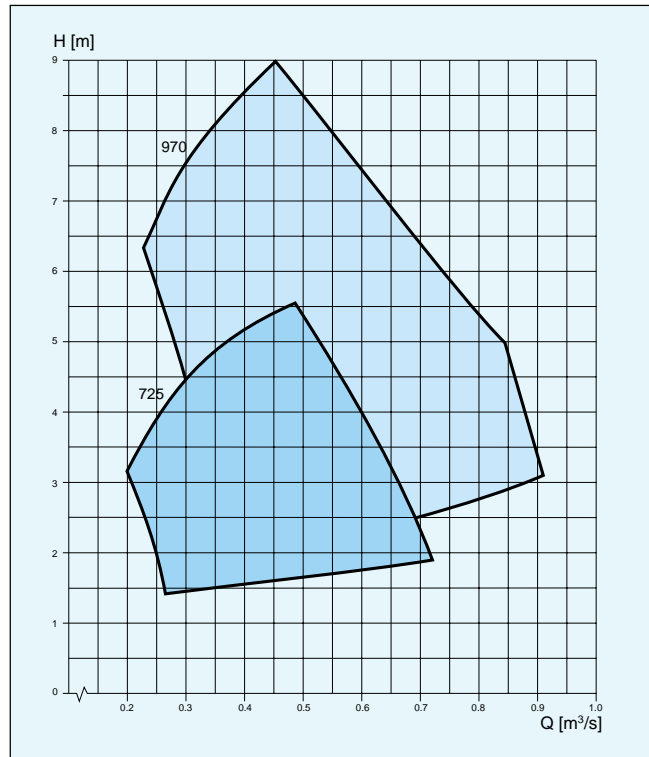


Curve code	Overall diam. mm diff. ring	Motor rating, kW		rpm	Overall height mm	Max weight kg
		P ₁	P ₂			
965	655	20-26	17-22	965	1425	420
720	655	13,3	11	720	1425	420

P 7050

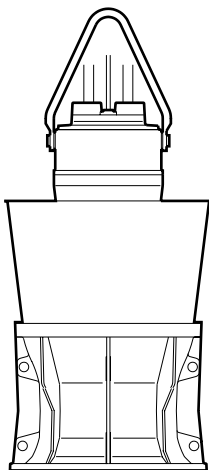


PL

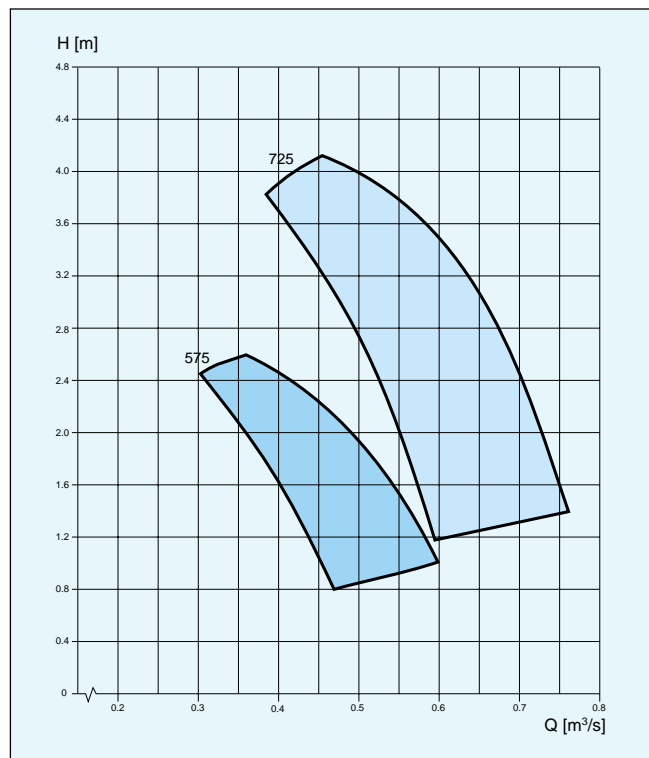


Curve code	Overall diam. mm diff. ring	Motor rating, kW		rpm	Overall height mm	Max weight kg
		P_1	P_2			
970	655	52-64	45-55	970	1735	750
725	655	31-42	27-37	725	1735	750

P 7055

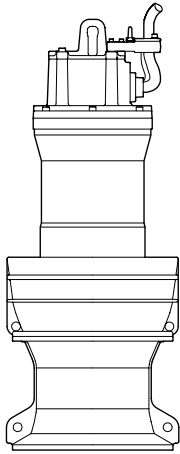


PL

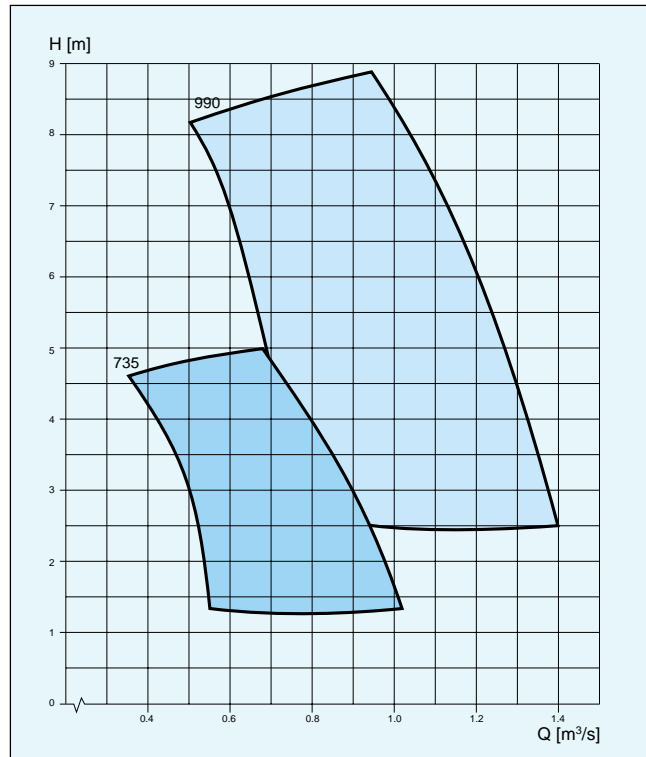


Curve code	Overall diam. mm diff. ring	Motor rating, kW		rpm	Overall height mm	Max weight kg
		P_1	P_2			
725	755	20-42	17-37	725	1700	630
575	755	16-20	13-17	575	1700	630

P 7061

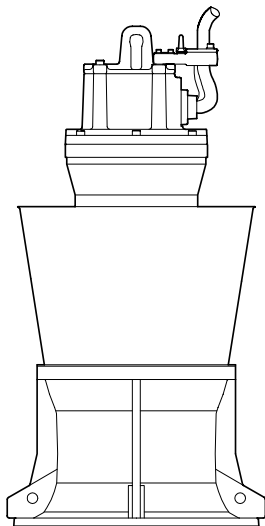


PL



Curve code	Overall diam. mm diff. ring	Motor rating, kW		rpm	Overall height mm	Max weight kg
		P ₁	P ₂			
990	770	64-173	58-160	990	2370	1350
735	770	51-61	46-55	735	2370	1350

P 7076

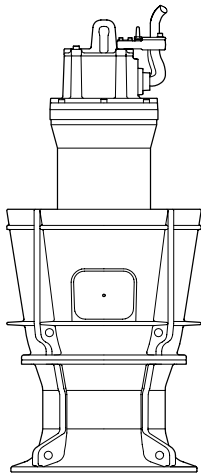


PL

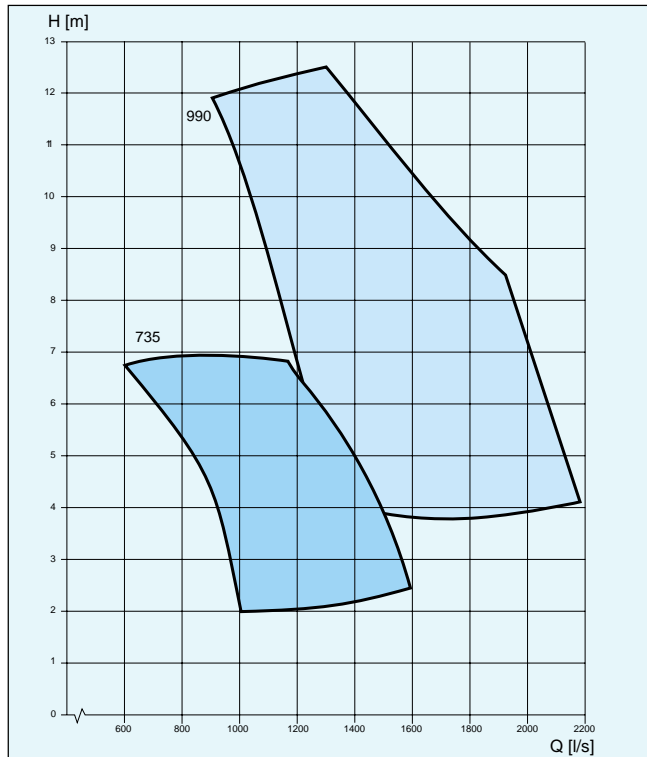


Curve code	Overall diam. mm diff. ring	Motor rating, kW		rpm	Overall height mm	Max weight kg
		P ₁	P ₂			
580	920	43-61	37-55	580	2315	1250

P 7081

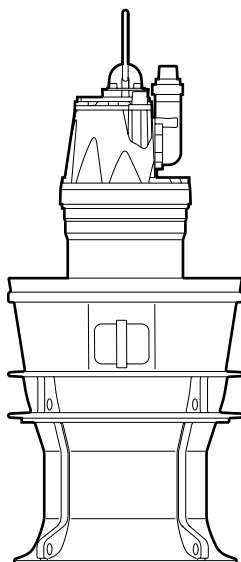


PL

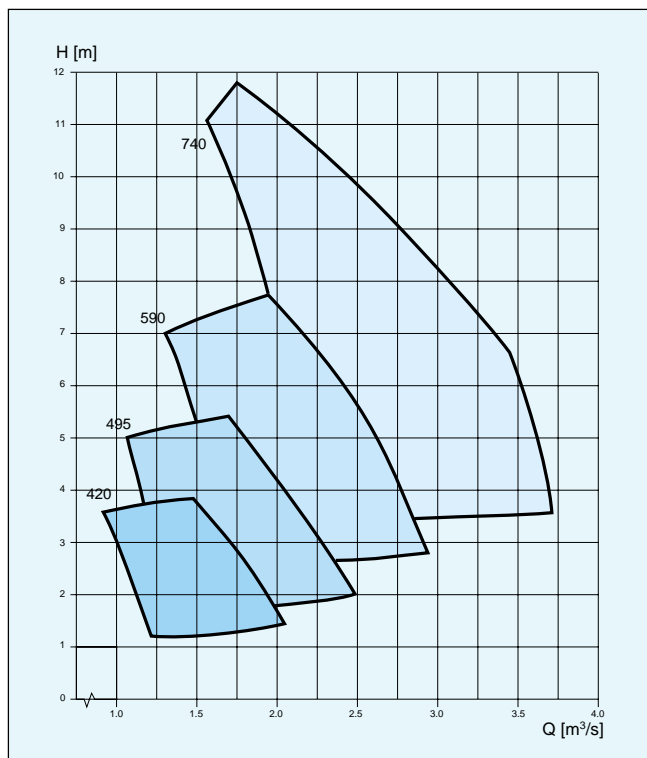


Curve code	Overall diam. mm diff. ring	Motor rating, kW		rpm	Overall height mm	Max weight kg
		P ₁	P ₂			
990	965	173-214	160-200	990	2675	1950
735	965	61-155	55-140	735	2675	1950

P 7101

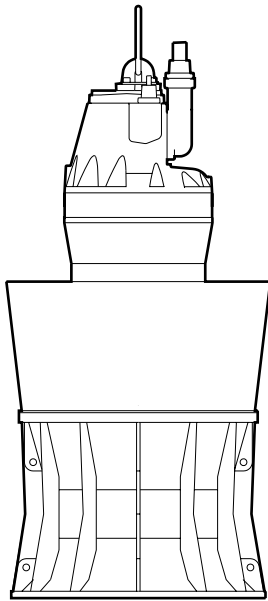


PL

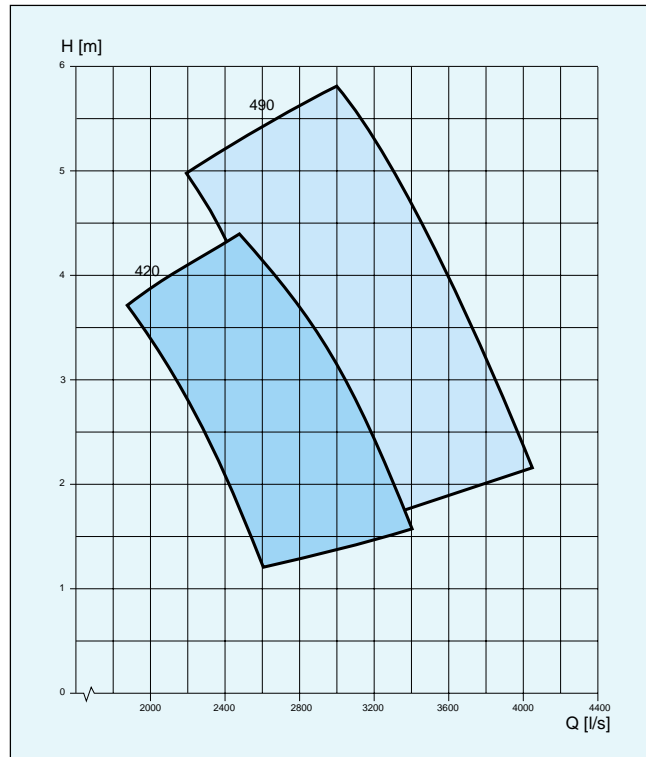


Curve code	Overall diam. mm diff. ring	Motor rating, kW		rpm	Overall height mm	Max weight kg
		P ₁	P ₂			
740	1170	246-320	230-300	740	3050	3300
590	1170	111-247	100-230	590	3050	3300
495	1170	67-174	60-160	495	3050	3300
420	1170	46-99	40-90	420	3050	3300

P 7115

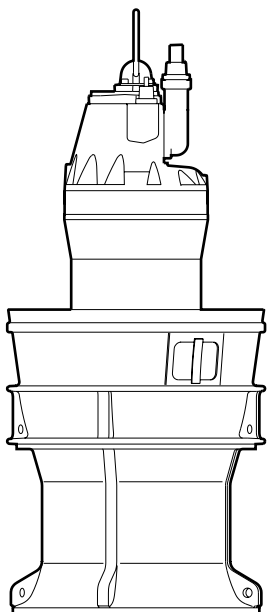


PL

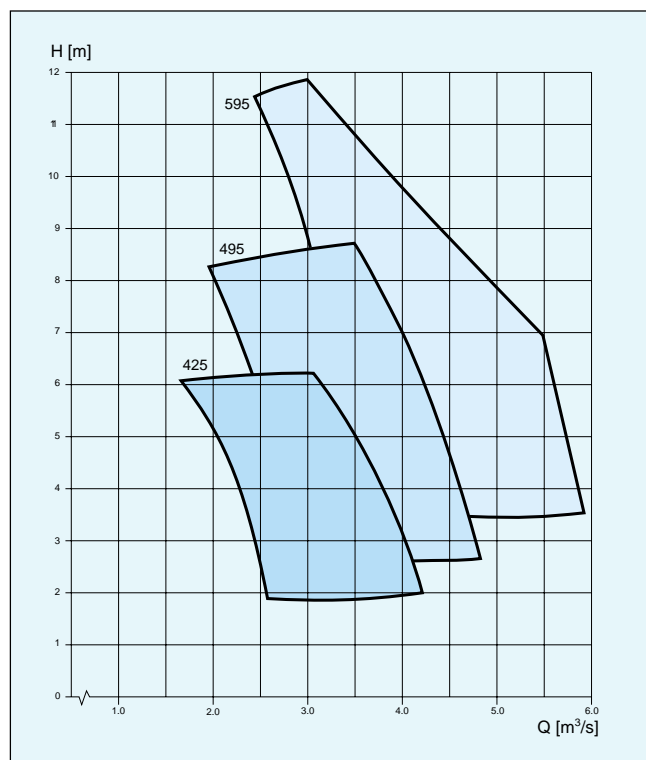


Curve code	Overall diam. mm diff. ring	Motor rating, kW		rpm	Overall height mm	Max weight kg
		P ₁	P ₂			
490	1360	174-241	160-225	490	3530	4500
420	1360	99-167	90-150	490	3530	4500

P 7121



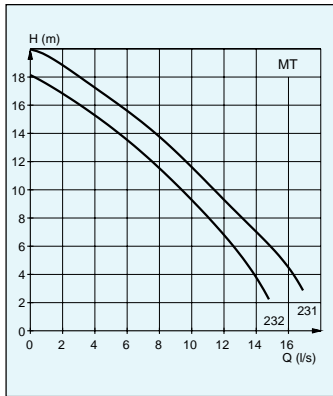
PL



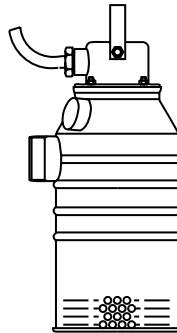
Curve code	Overall diam. mm diff. ring	Motor rating, kW		rpm	Overall height mm	Max weight kg
		P ₁	P ₂			
595	1370	385-484	365-460	595	3410	5200
495	1370	217-435	200-410	495	3410	5200
425	1370	140-267	125-250	425	3410	5200

B-PUMPS • 50 Hz

IN BRONZE AND STAINLESS STEEL

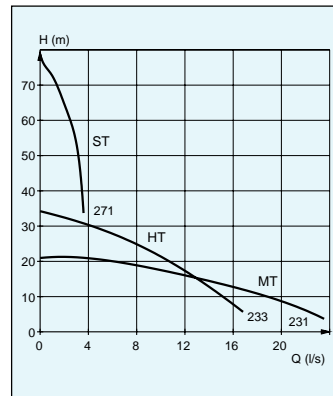


2060
Stainless steel

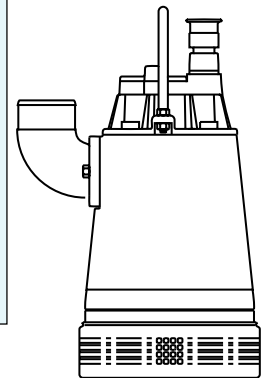


Weight, kg	BS 32
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Impeller code	Outlet dia mm BS vers.	Through-let, mm	Motor rating kW	rpm	Available versions
231	62	8	2.2	2800	BS
232	62	8	2.2	2800	BS

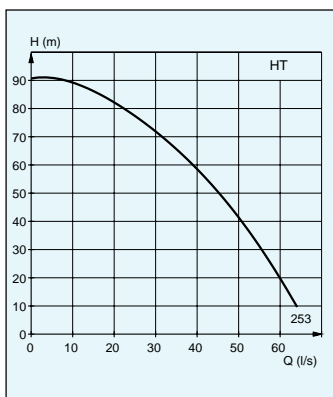


2075
Bronze

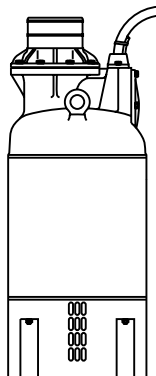


Weight, kg	BS 85
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Impeller code	Outlet dia mm BS vers.	Through-let, mm	Motor rating kW	rpm	Available versions
233	75	8	3.7	2800	BS
231	100	8	3.7	2800	BS

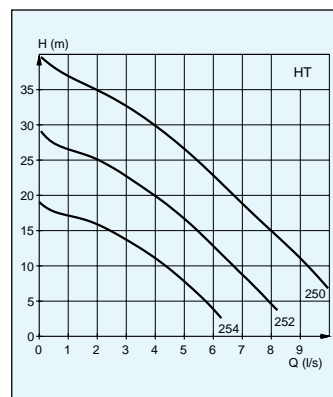


2201
Bronze

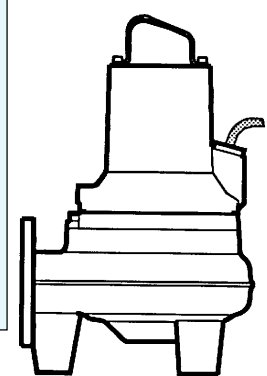


Weight, kg	BS 460
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Impeller code	Outlet dia mm BS vers.	Through-let, mm	Motor rating kW	rpm	Available versions
253	100	10	37	2920	BS



3085
Stainless steel



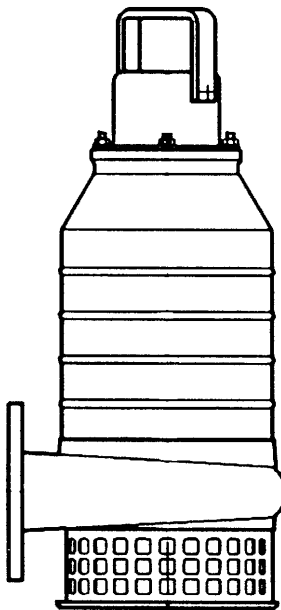
Weight, kg	BP 58	BS 58
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Impeller code	No. of channels	Outlet dia mm BP vers.	Through-let, mm	Motor rating kW P ₁ P ₂	rpm	Available versions
250	3	50	10	3.0 2.4	2830	BP/BS
252	3	50	10	3.0 2.4	2830	BP/BS
254	3	50	10	3.0 2.4	2830	BP/BS

C-PUMPS • 50 Hz IN STAINLESS STEEL

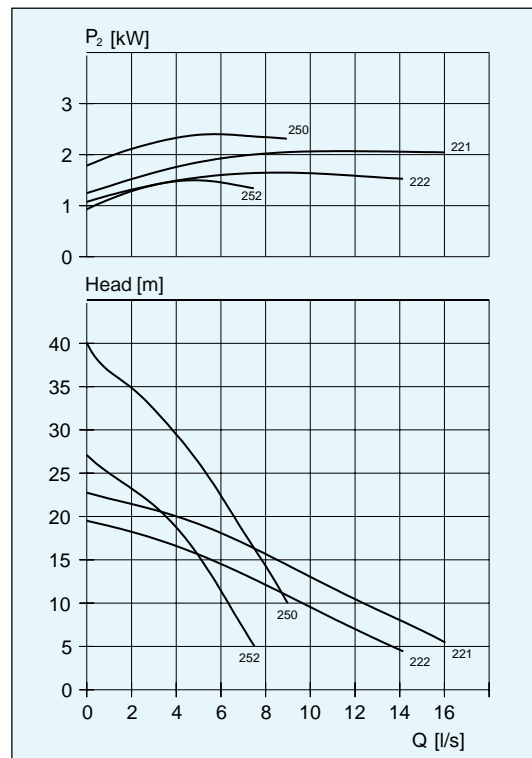
C 3060

Stainless steel



	CP	CT	CS
Weight, kg (with cooling jacket)	41	45	41
	41	45	41

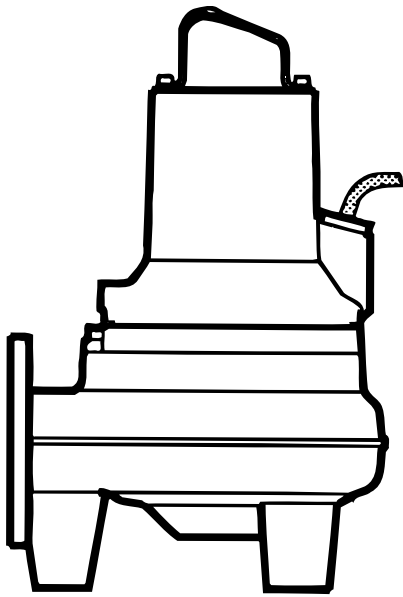
CP/CT/CS



Impeller code	No. of vanes	Outlet dia mm CP vers.	Through-let, mm	Motor rating kW		rpm	Available versions
				P ₁	P ₂		
221	2	80	15 x 15	3.3	2.4	2800	CP/CT/CS
222	2	80	15 x 15	3.3	2.4	2800	CP/CT/CS
250	2	80	15 x 15	3.3	2.4	2800	CP/CS
252	2	80	15 x 15	3.3	2.4	2800	CP/CS

C 3085

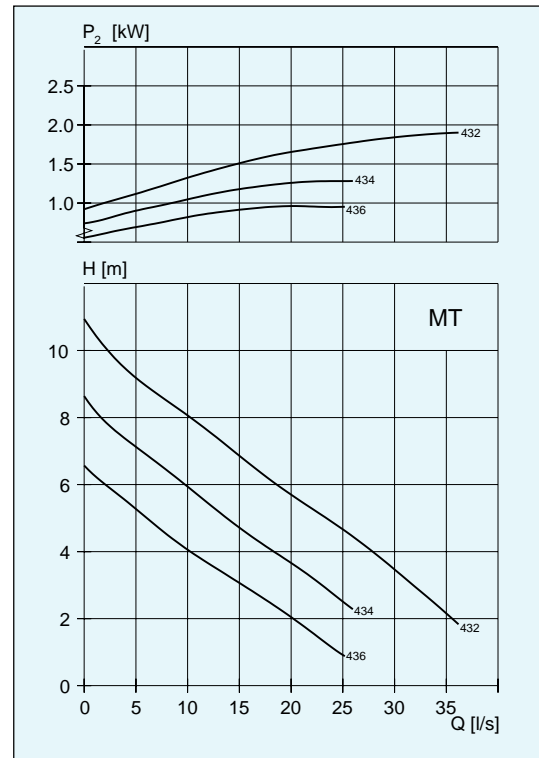
Stainless steel



Weight, kg	CP	CS
MT	72	72

*NEVACLOG

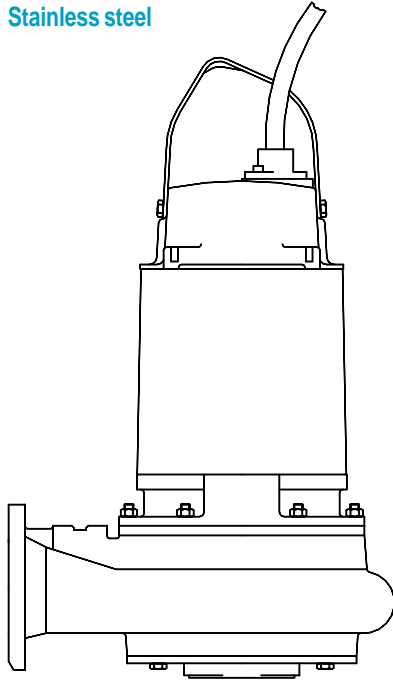
CP/CS



Impeller code	No. of channels	Outlet dia mm CP vers.	Through-let, mm	Motor rating kW		rpm	Available versions
				P_1	P_2		
432*	1	80	∅ 73	27	20	1385	CP/CS
434*	1	80	∅ 73	27	20	1385	CP/CS
436*	1	80	∅ 73	27	20	1385	CP/CS

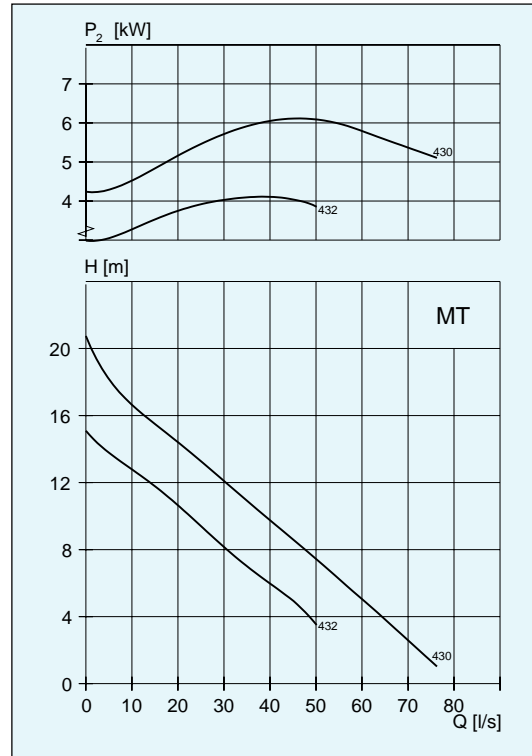
C 3126

Stainless steel



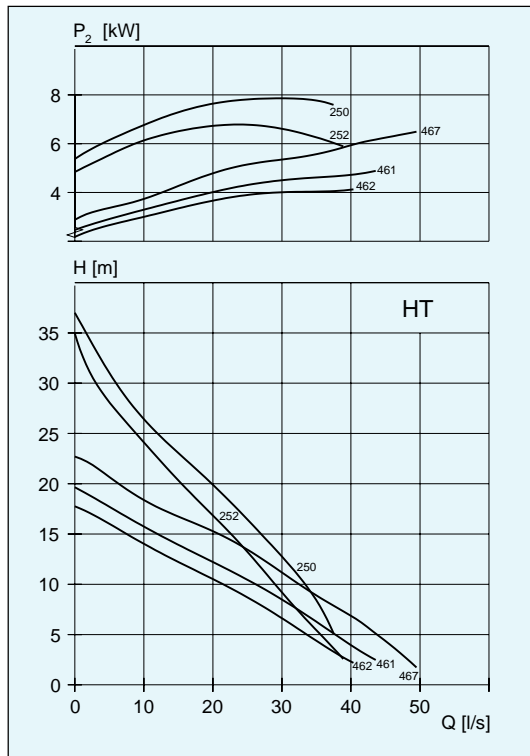
Weight, kg	CP	CS	CT	CZ
HT	156	162	185	255
MT	164	168	215	263

CP/CS/CT/CZ



Impeller code	No. of channels	Outlet dia mm CP vers.	Through-let, mm	Motor rating kW		rpm	Available versions
				P ₁	P ₂		
W430	1	100	100x110	8.0	6.7	1440	CP/CS/CT/CZ
W432	1	100	87x100	8.0	6.7	1440	CP/CS/CT/CZ
W432	1	100	87x100	6.5	5.3	1435	CP/CS/CT/CZ

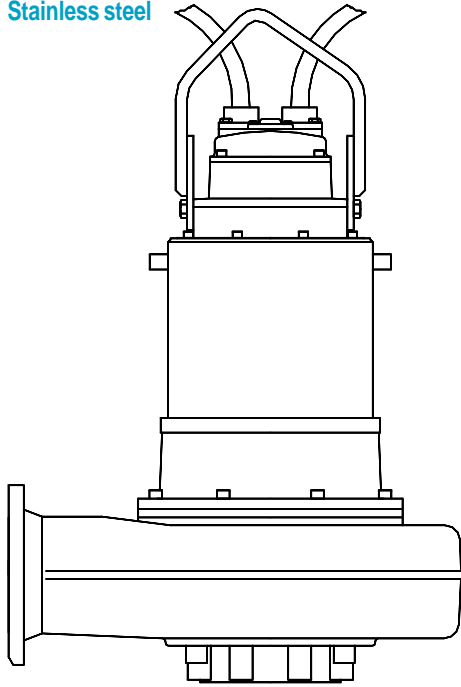
CP/CS/CT/CZ



Impeller code	No. of channels	Outlet dia mm CP vers.	Through-let, mm	Motor rating kW		rpm	Available versions
				P ₁	P ₂		
W250	1	80	∅ 58	9.5	8.0	2890	CP/CS/CT/CZ
W252	1	80	∅ 58	9.5	8.0	2890	CP/CS/CT/CZ
W461	1	100	∅ 76	8.0	6.7	1440	CP/CS/CT/CZ
W461	1	100	∅ 76	6.5	5.3	1435	CP/CS/CT/CZ
W462	1	100	∅ 76	8.0	6.7	1440	CP/CS/CT/CZ
W462	1	100	∅ 76	6.5	5.3	1435	CP/CS/CT/CZ
W467	1	100	∅ 76	8.0	6.7	1440	CP/CS/CT/CZ

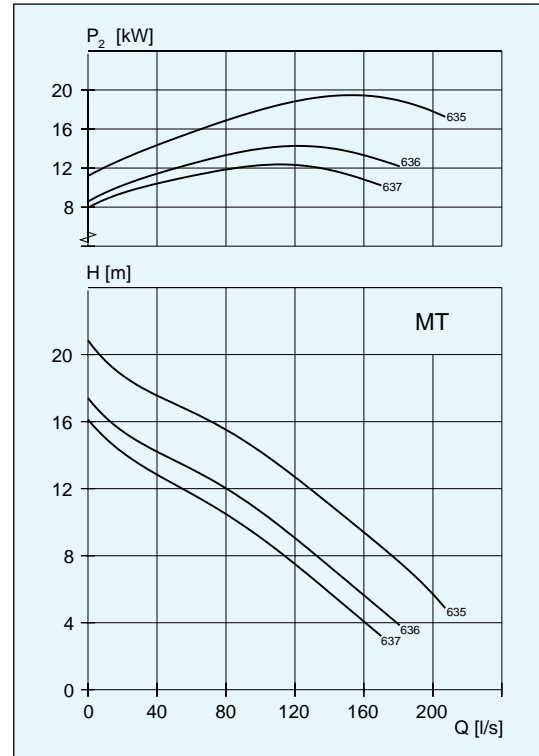
C 3201

Stainless steel



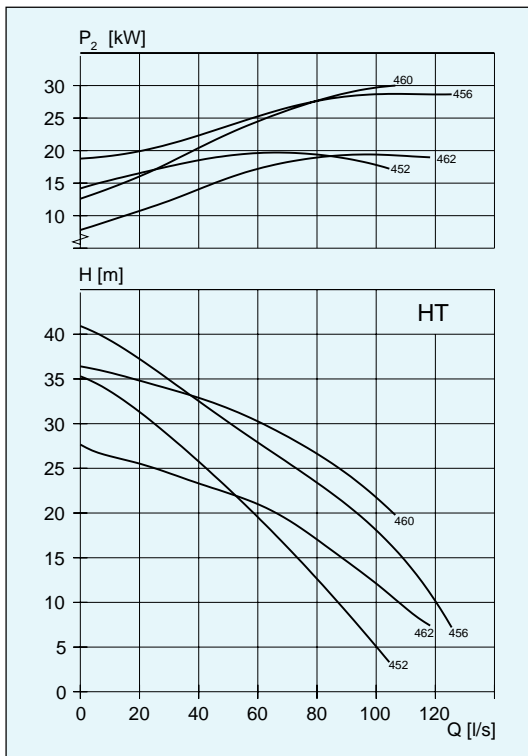
Weight, kg	CP	CS	CT	CZ
HT	560	510	675	675
MT	550	500	580	580

CP/CS/CT/CZ



Impeller code	No. of channels	Outlet dia mm CP vers.	Through-let, mm	Motor rating kW		rpm	Available versions
				P ₁	P ₂		
W635	2	250	102 x 84	25	22	970	CP/CS/CT/CZ
W636	2	250	102 x 84	25	22	970	CP/CS/CT/CZ
W637	2	250	102 x 84	25	22	970	CP/CS/CT/CZ

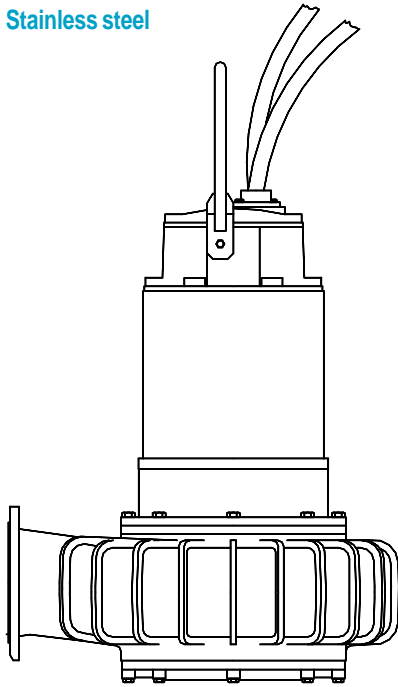
CP/CS/CT/CZ



Impeller code	No. of channels	Outlet dia mm CP vers.	Through-let, mm	Motor rating kW		rpm	Available versions
				P ₁	P ₂		
W452	1	200	77 x 77	34	30	1455	CP/CS/CT/CZ
452	1	200	77 x 77	25	22	1460	CP/CS/CT/CZ
456	1	200	∅ 100	34	30	1455	CP/CS/CT/CZ
460	3	200	59 x 65	34	30	1455	CP/CS/CT/CZ
W462	3	200	59 x 65	34	30	1455	CP/CS/CT/CZ
462	3	200	59 x 65	25	22	1460	CP/CS/CT/CZ

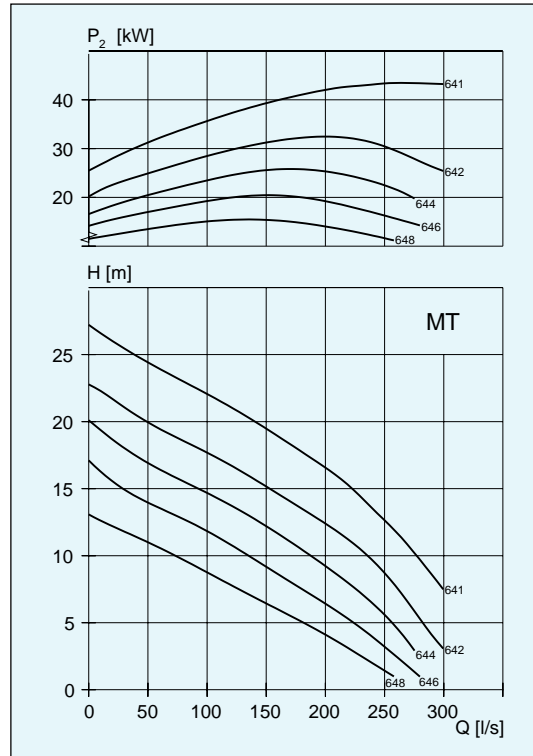
C 3300

Stainless steel



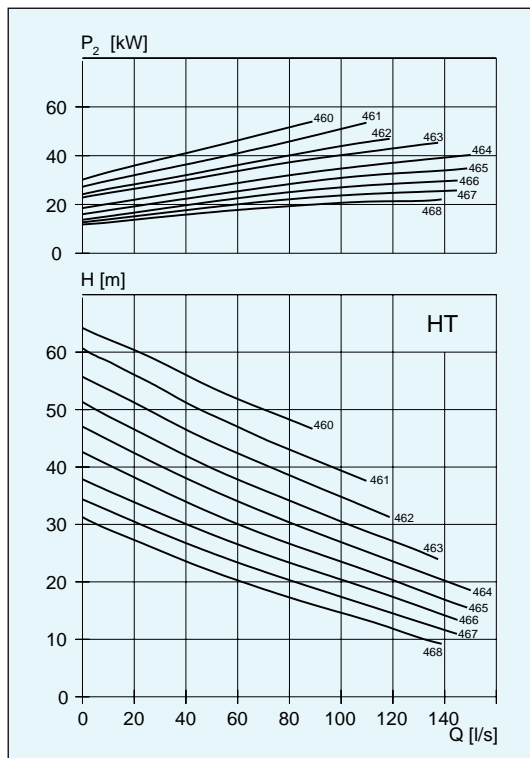
Weight, kg	CP	CS	CT	CZ
HT	950	1003	1043	1043
MT	1150	1176	1236	1236

CP/CS/CT/CZ



Impeller code	No. of channels	Outlet dia mm CP vers.	Through-let, mm	Motor rating kW		rpm	Available versions
				P ₁	P ₂		
641	2	300	100x100	50	44	975	CP/CS/CT/CZ
642	2	300	100x100	50	44	975	CP/CS/CT/CZ
644	2	300	100x100	50	44	975	CP/CS/CT/CZ
646	2	300	100x100	50	44	975	CP/CS/CT/CZ
648	2	300	100x100	50	44	975	CP/CS/CT/CZ

CP/CS/CT/CZ



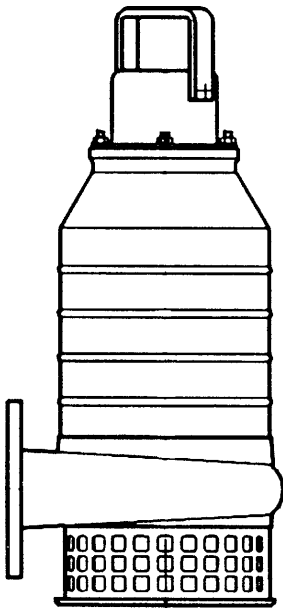
Impeller code	No. of channels	Outlet dia mm CP vers.	Through-let, mm	Motor rating kW		rpm	Available versions
				P ₁	P ₂		
460	2	200	76 x 76	59	54	1475	CP/CS/CT/CZ
460	2	200	76 x 76	45	40	1475	CP/CS/CT/CZ
461	2	200	76 x 76	59	54	1475	CP/CS/CT/CZ
462	2	200	76 x 76	59	54	1475	CP/CS/CT/CZ
463	2	200	76 x 76	59	54	1475	CP/CS/CT/CZ
464	2	200	76 x 76	59	54	1475	CP/CS/CT/CZ
465	2	200	76 x 76	59	54	1475	CP/CS/CT/CZ
466	2	200	76 x 76	59	54	1475	CP/CS/CT/CZ
466	2	200	76 x 76	45	40	1475	CP/CS/CT/CZ
467	2	200	76 x 76	59	54	1475	CP/CS/CT/CZ
467	2	200	76 x 76	45	40	1475	CP/CS/CT/CZ
468	2	200	76 x 76	59	54	1475	CP/CS/CT/CZ

D-PUMPS • 50 Hz

IN BRONZE AND STAINLESS STEEL

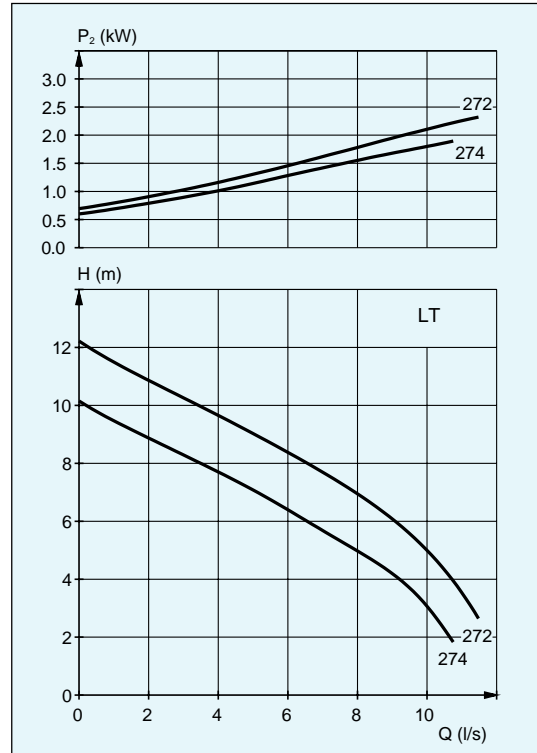
D 3060

Stainless steel



Pump type	DP	DS	DT
Weight, kg	41	41	45

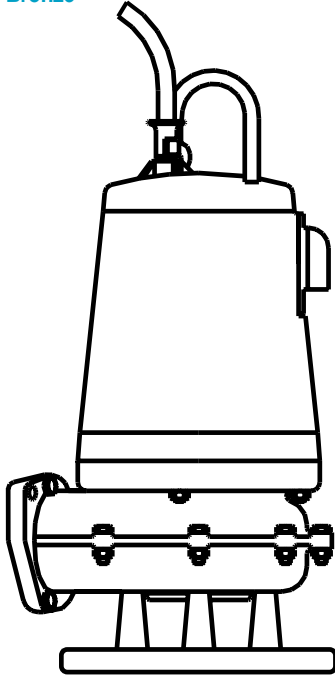
DP/DT/DS



Impeller code	Outlet dia mm, DP vers.	Through-let, mm	Motor rating kW		rpm	Available versions
			P ₁	P ₂		
272	75	15 x 15	3.3	2.4	2800	DP/DT/DS
274	75	15 x 15	3.3	2.4	2800	DP/DT/DS

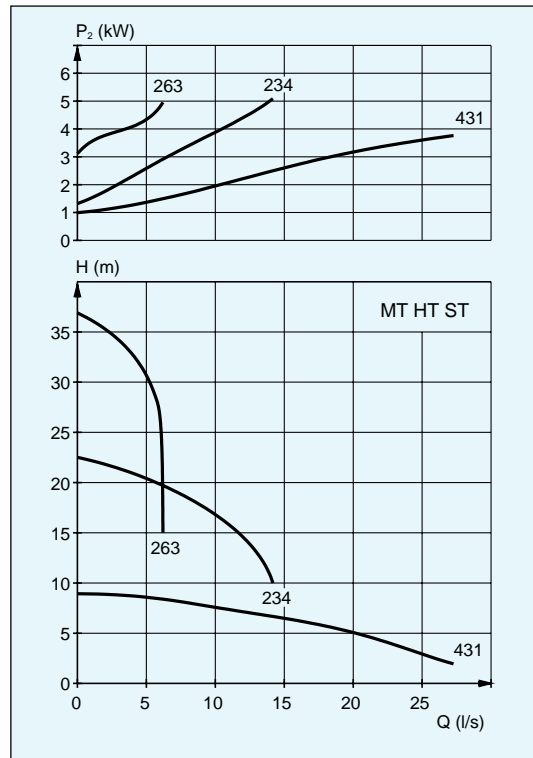
D 3080

Bronze



	DS
Weight, kg	105

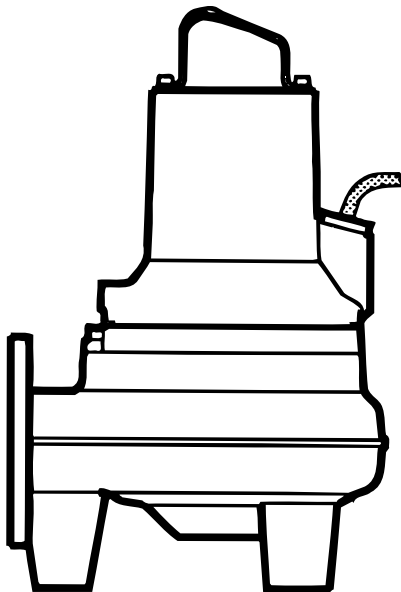
DS



Impeller code	Outlet dia mm, DP vers.	Through-let, mm	Motor rating kW		rpm	Available versions
			P ₁	P ₂		
263	75	25	7.3	5.5	2800	DS
234	75	40	7.3	5.5	2800	DS
431	100	75	5.0	4.0	1400	DS

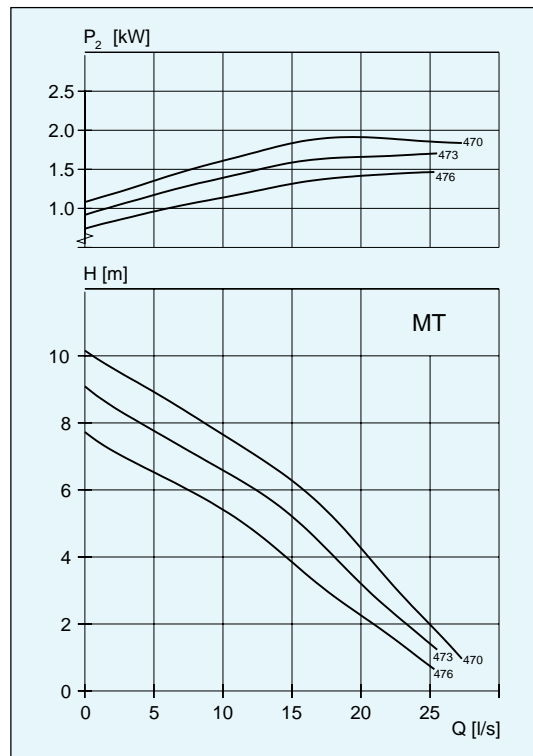
D 3085

Stainless steel



	DP	DS
Weight, kg	68	68

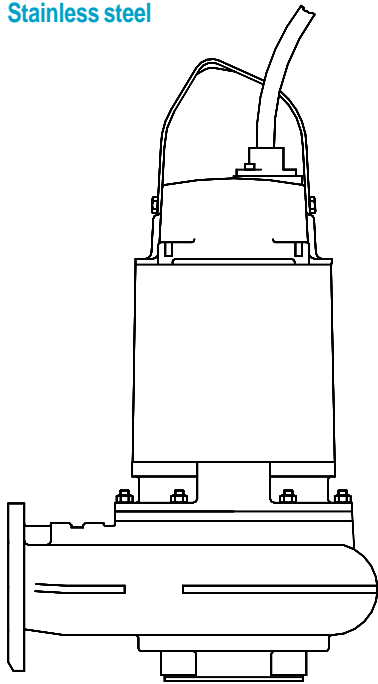
DP/DS



Impeller code	Outlet dia mm, DP vers.	Through-let, mm	Motor rating kW		rpm	Available versions
			P ₁	P ₂		
470	80	65	2.7	2.0	1395	DP/DS
473	80	65	2.7	2.0	1395	DP/DS
476	80	65	2.7	2.0	1395	DP/DS

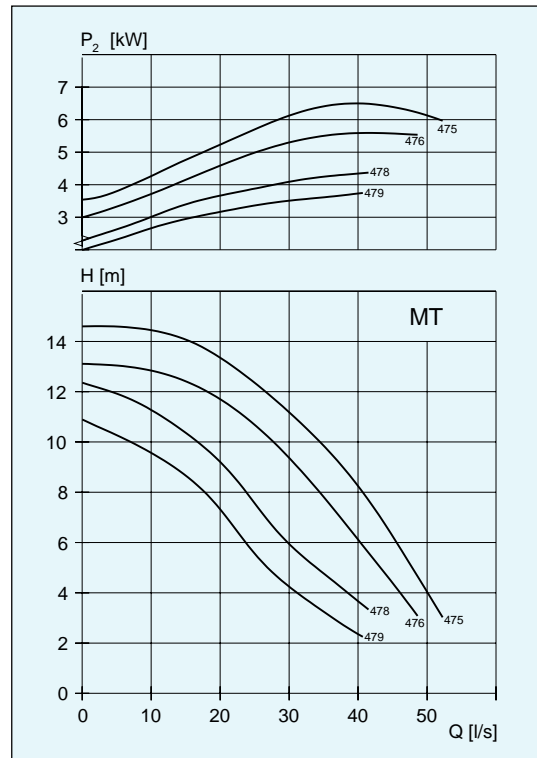
D 3126

Stainless steel



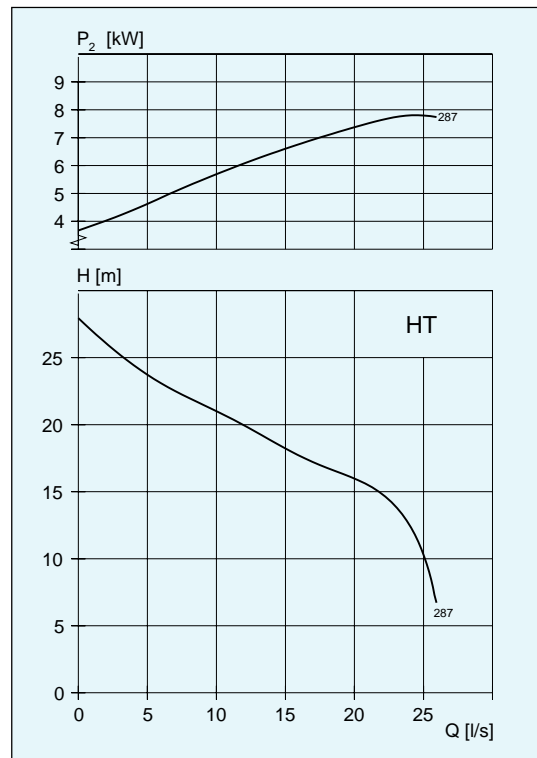
Weight, kg	DP	DS	DT	DZ
HT	154	161	-	-
MT	165	165	214	214

DP/DS/DT/DZ



Impeller code	Outlet dia mm, DP vers.	Through-let, mm	Motor rating kW		rpm	Available versions
			P ₁	P ₂		
W475	100	52	8.0	6.7	1440	DP/DS/DT/DZ
W476	100	52	8.0	6.7	1440	DP/DS/DT/DZ
W478	100	52	8.0	6.7	1440	DP/DS/DT/DZ
W478	100	52	6.5	5.3	1435	DP/DS/DT/DZ
W479	100	52	8.0	6.7	1440	DP/DS/DT/DZ
W479	100	52	6.5	5.3	1435	DP/DS/DT/DZ

DP/DS



Impeller code	Outlet dia mm, DP vers.	Through-let, mm	Motor rating kW		rpm	Available versions
			P ₁	P ₂		
W287	75	50	9.5	8.0	2890	DP/DS

EXPLOSION PROOF PUMPS AND MIXERS

Many of the Flygt pumps are available in Explosion-Proof execution and various approvals apply. Below is given the classification of the different approvals in accordance with the European norms and the explanation of the letter coding.

E EXd e IIB T4* II G2
E EXd e IIB T3* II G2
E EXd e I* I M2

E = European norm EN 50014

EXd = Explosionproof encapsulation permitted in Zone 1 and 2. EN 50018.

e = Increased safety. EN 50019.

I = Gas group (Methane), cool mines

IIB = Gas group (Ethylene), industry

T4 = Temp. class. Max. surf.temp. = 135° C.

T3 = Temp. class. Max. surf. temp. = 200° C.

Approval No. The thermocontacts in the equipment must be connected.

II G2 and I M2 = Equipment groups and categories acc. to EC-Directive 94/9/EC.

Classification of hazardous areas

Hazardous locations are those in which flammable materials are likely to be present or introduced in concentrations, which can be ignited through normal or abnormal equipment operation. Equipment must generally be approved for these locations. Hazardous areas are classified into zones according to the IEC 79-10. Most of the European countries have standards or norms which conform with this recommendation.

Due to the temporary and local probability of the presence of an explosive atmosphere, the hazardous areas are divided into zones as follows:

- Zone 0:** Area in which an explosive atmosphere is continuously present for long periods.
- Zone 1:** Areas in which an explosive atmosphere is likely to occur in normal operation.
- Zone 2:** Areas in which an explosive atmosphere is not likely to occur in normal operation and, if it occurs, it will only exist for a short time.

Flygt guarantees the pumps to be in compliance with the above mentioned approvals when being delivered.

It is the responsibility of the owner to make sure that the equipment is used in accordance with the approval and in applications for which it is intended. Special attention should be paid to the connection of safety devices such as thermocontacts and the earthing systems.

All modification and repair work must be performed in accordance with the original approval and by using only genuine Flygt parts.

The degree of protection for all Flygt designed and constructed submersible equipment is IP68, 20m.

The following pump-types and mixers are available in EX-proof execution:		
3000-pumps	2000-pumps	Mixers
3057	2075	4352
3067	2125	4400
3068	2135	4410
3085	2201	4430
3102	2400	4610
3127	3067	4620
3140	3080	4630
3152		4640
3153		4650
3170		4660
3171		4670
3201		4680
3300		
3231		
3306		
3312		
3351		
3356		
3400		
3501		
3531		
3602		
3800		

* Please refer to the Care and Maintenance Manual for more detailed information.

DIMENSIONS

All drawings are available as Acrobat documents (.pdf) and AutoCad drawings (.dwg).

Please contact your ITT Flygt representative for more information.

All dimensions are in mm.

