



**Geschlossene/offene Ausführungen für
Haushaltsgeräte und industrielle Anwendungen.**

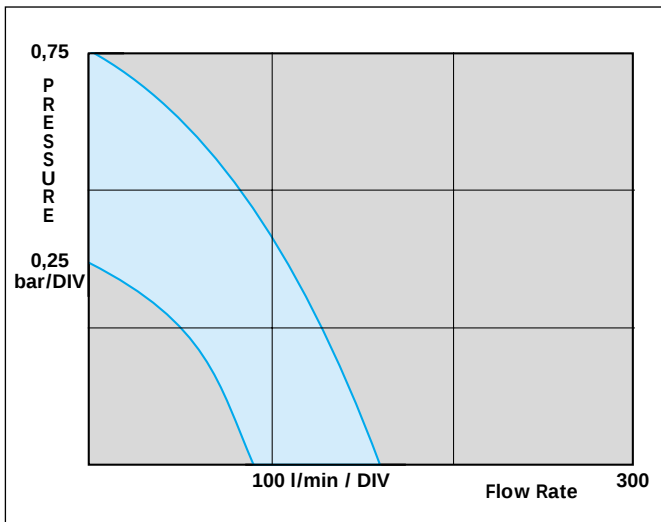
**Totally enclosed/open design for domestic
appliances and industrial applications.**

CIRCULATORY PUMPS **UMWÄLZPUMPEN**





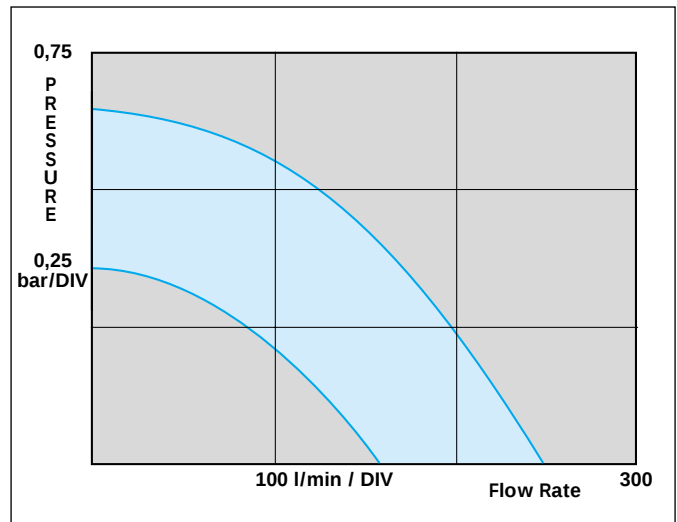
Umwälzpumpen/Circulatory pumps



Typen/types UP 30, UP 60

Geschlossene/offene Ausführung
für industrielle Anwendungen und Hausgeräte

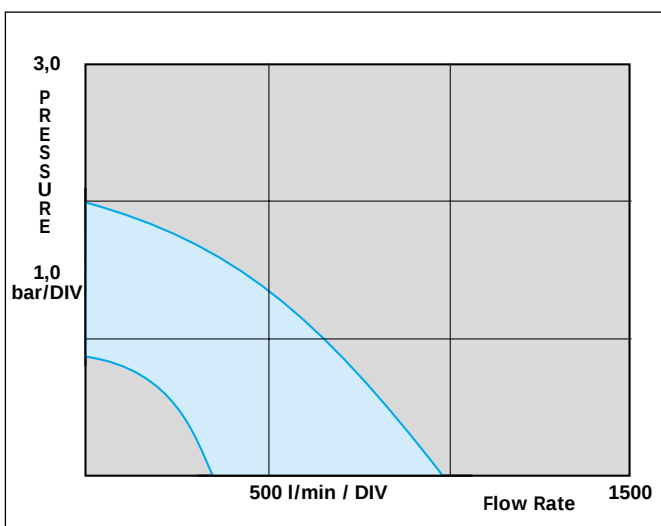
*totally enclosed /open design
for industrial applications and domestic appliances*



Typen/types CP 27, CP 35, CP 50, CP 60

Offene Ausführung
für Hausgeräte

*open design
for domestic appliances*



Typen/types PS 26, PS 40/PS 40 R, PS60/PS 60 R
PS 80 S, PS 90 S

Geschlossene/offene Ausführung
für industrielle Anwendungen

*totally enclosed /open design
for industrial applications*

Merkmale/Characteristics

	UP	CP	PS
Dauerbetrieb bis 60°C Umgebungstemperatur <i>Designed for continuous duty up to 60°C ambient temperature</i>	•	•	•
Geschützt durch Sicherheitstemperaturbegrenzer <i>Fully protected by thermal protector</i>	•	•	•
Dauerhafte Abdichtung durch Gleitringdichtung <i>Provided with an axial face seal</i>	•	•	•
Chemische Beständigkeit gegen handelsübliche Waschmittel <i>Chemical resistance against customary commercial washing detergents</i>	•	•	•
UL-approbiertes Isolationssystem <i>UL-approved insulation system</i>	•	Ausnahme CP 60 excluding CP 60	•
Option: In allen üblichen Spannungen und in 50 Hz oder 60 Hz lieferbar <i>Option: All customary voltages and 50 Hz or 60 Hz versions can be delivered</i>	•	•	•

Technische Änderungen vorbehalten.
Technical modifications reserved.



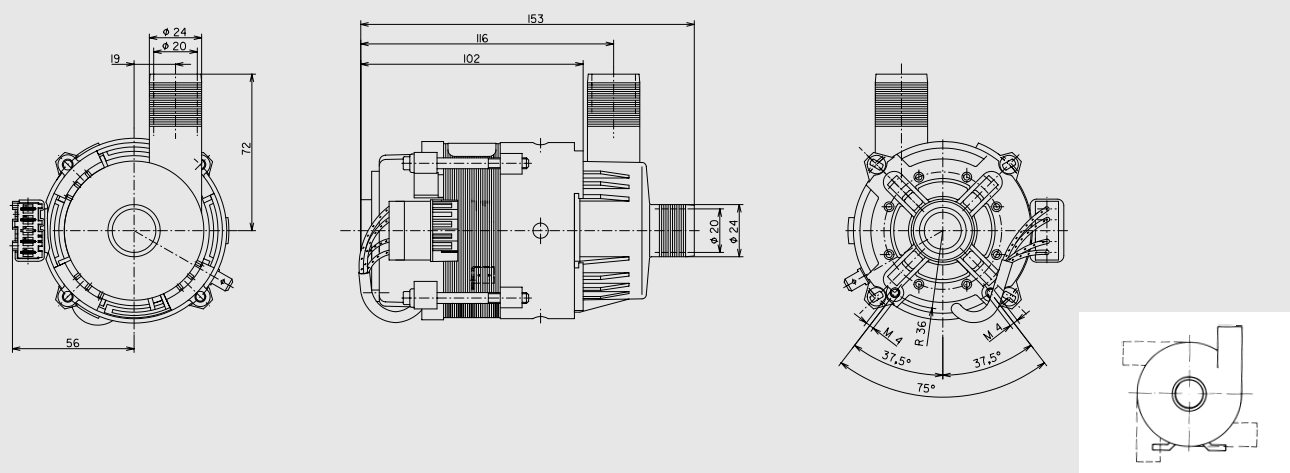
Technische Daten/Technical Data

Typ Type	Schutzart Degree of protection	Phase Phase	Aufnahmeleistung Input max.	Maximaldruck Pressure max.	Fördervolumen max. Flow rate max.	Drehrichtung Direction of rotation	Anzahl der möglichen Stutzenstellungen Possible socket positions
UP 30	IP 00	1~	150 W	0,38 bar	100 l/min	ccw	4
UP 60	IP 00/IP 54	1~/3~	300 W	0,75 bar	160 l/min	cw/ccw	8
CP 27	IP 00	1~	170 W	0,36 bar	150 l/min	cw	8
CP 35	IP 00	1~	250 W	0,46 bar	170 l/min	cw	8
CP 50	IP 00	1~	300 W	0,53 bar	190 l/min	cw	8
CP 60	IP 00	1~	400 W	0,63 bar	240 l/min	cw	8
PS 26	IP 00/IP 54	1~/3~	700 W	0,9 bar	350 l/min	cw	4
PS 40	IP 00/IP 54	1~/3~	900 W	1,1 bar	450 l/min	ccw	4
PS 40 R	IP 00/IP 54	1~/3~	900 W	1,1 bar	450 l/min	cw	4
PS 60	IP 54	1~/3~	1600 W	1,5 bar	600 l/min	ccw	4
PS 60 R	IP 54	1~/3~	1600 W	1,5 bar	600 l/min	cw	4
PS 80 S	IP 54	3~	2800 W	1,8 bar	800 l/min	cw	4
PS 90 S	IP 54	3~	3000 W	2,0 bar	950 l/min	cw	4

cw = clockwise
ccw = counter clockwise

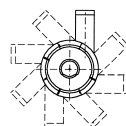
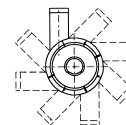
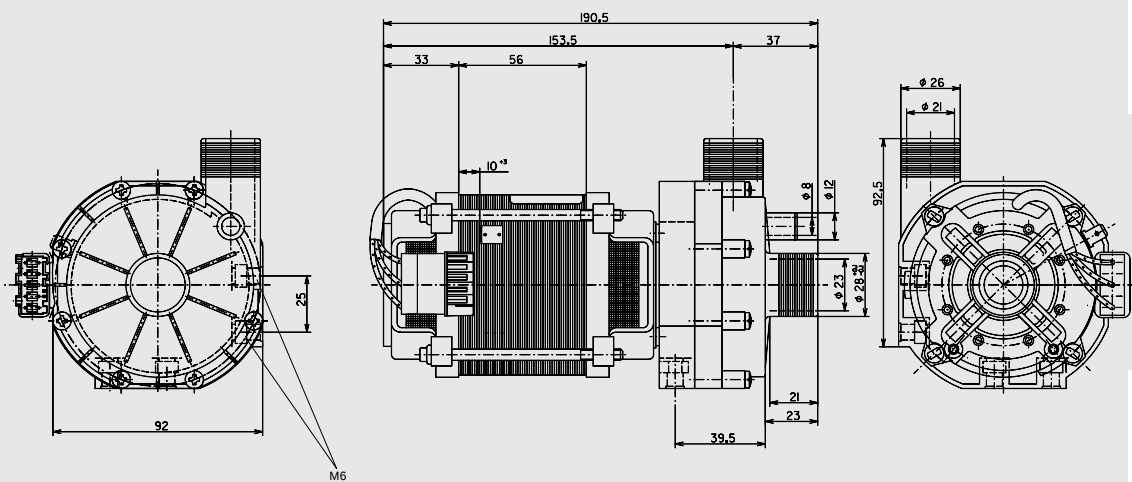
Maßzeichnungen/Drawings

UP 30

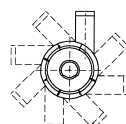
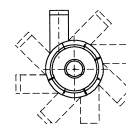
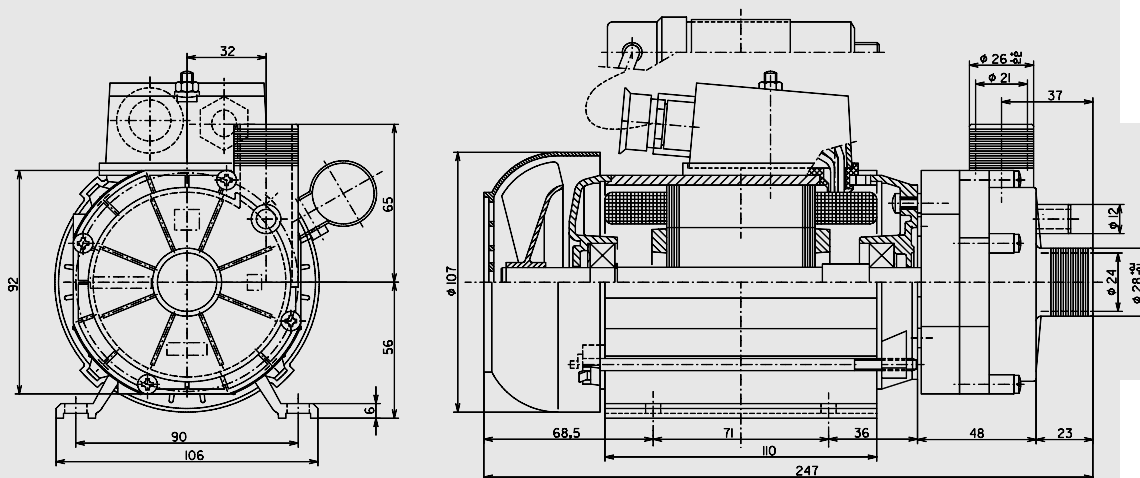




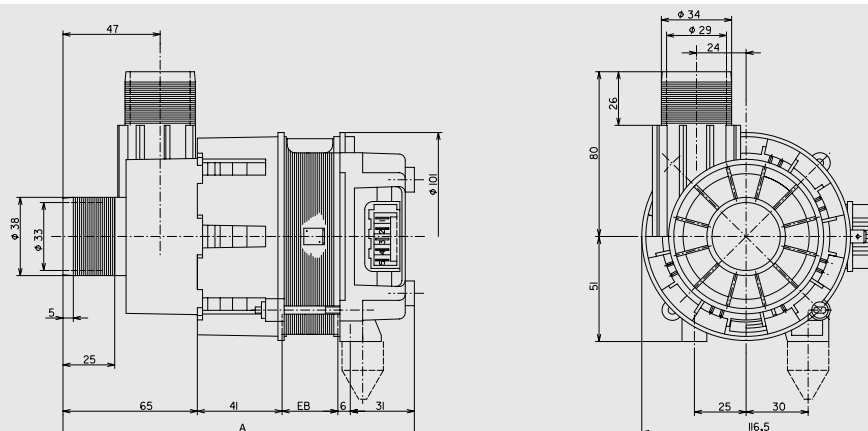
UP 60



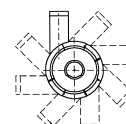
UP 60 (IP 54)



CP 27 CP 35

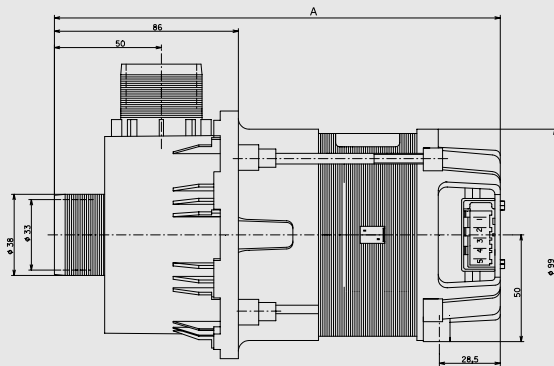


	A	EB
CP 27	170	27
CP 35	178	35

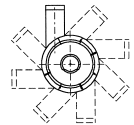
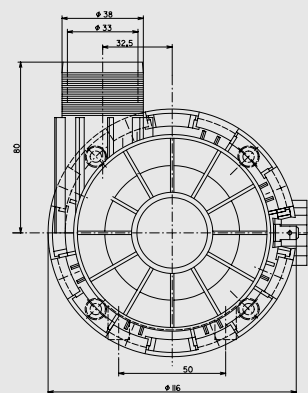




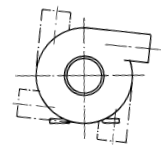
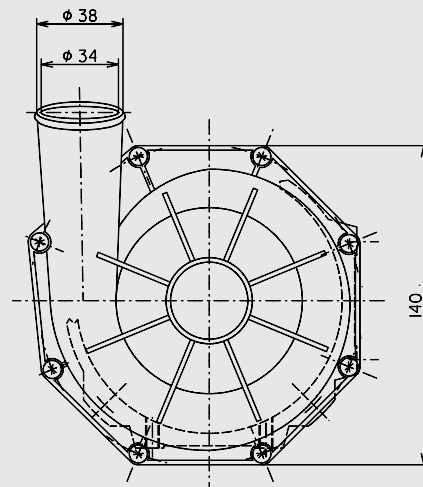
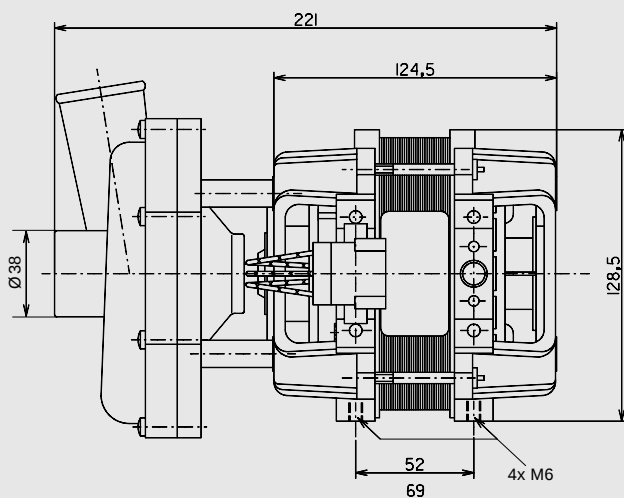
CP 50
CP 60



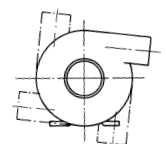
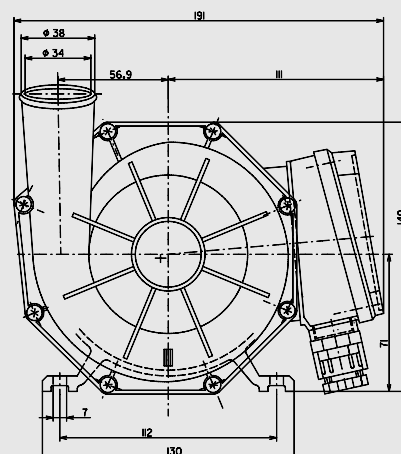
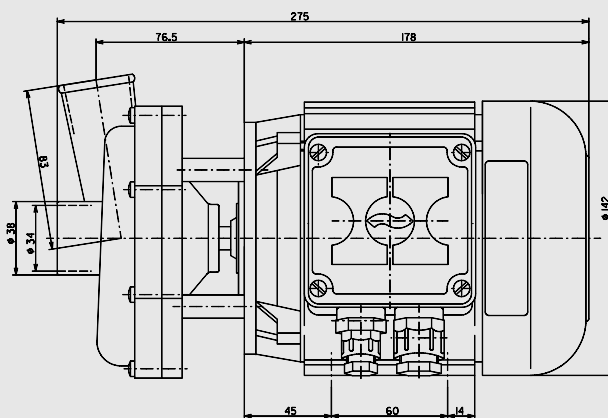
	A
CP 50	208,5
CP 60	218,5

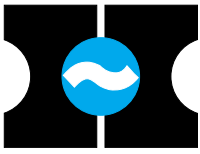


PS 26 (IP 00)

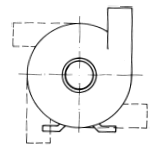
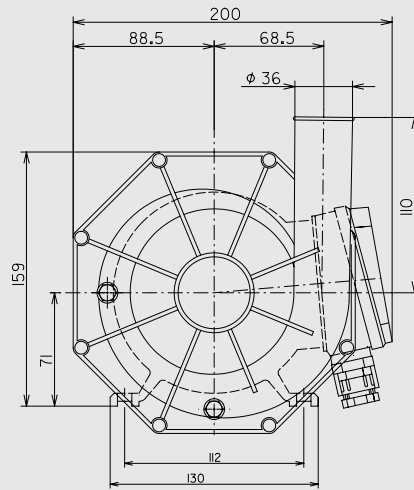
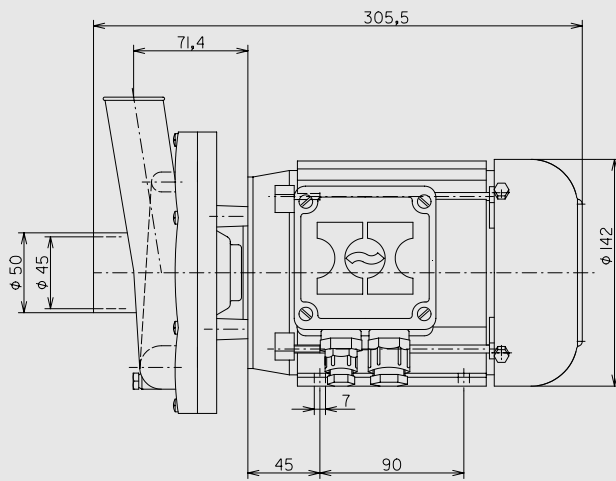


PS 26 (IP 54)

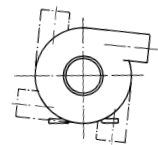
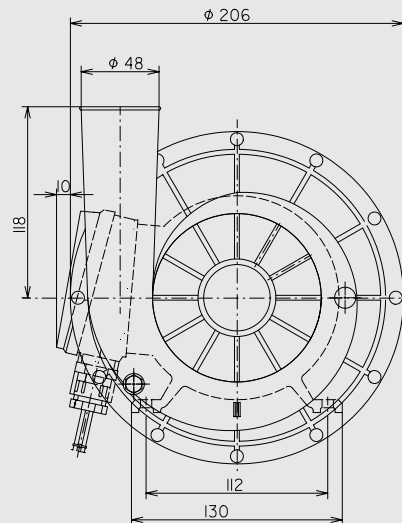
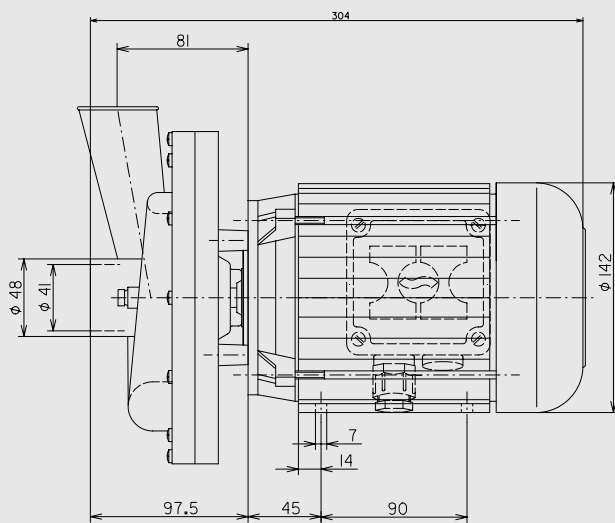




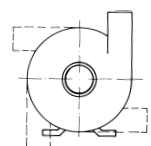
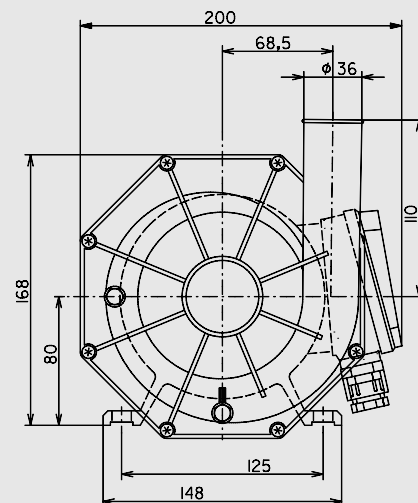
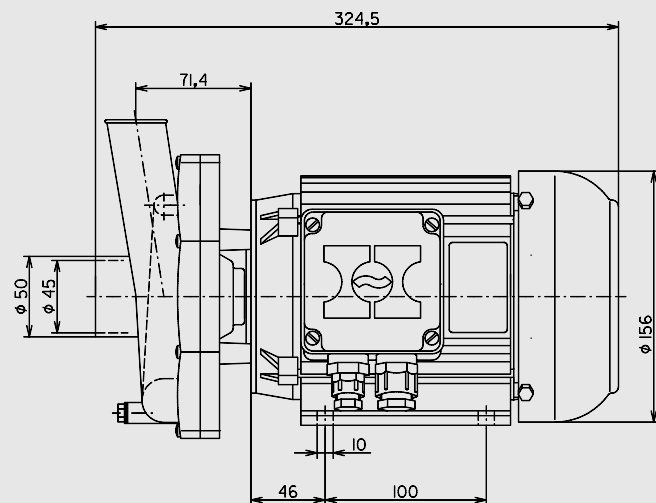
PS 40



PS 40R

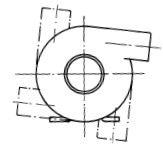
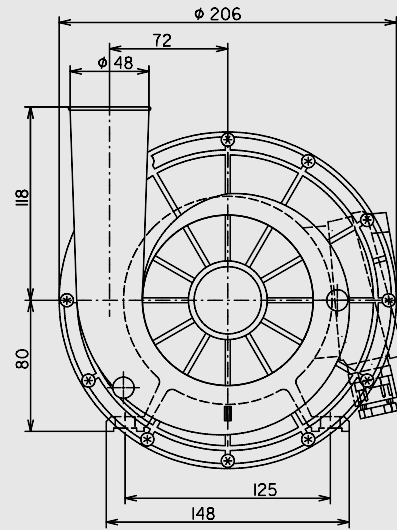
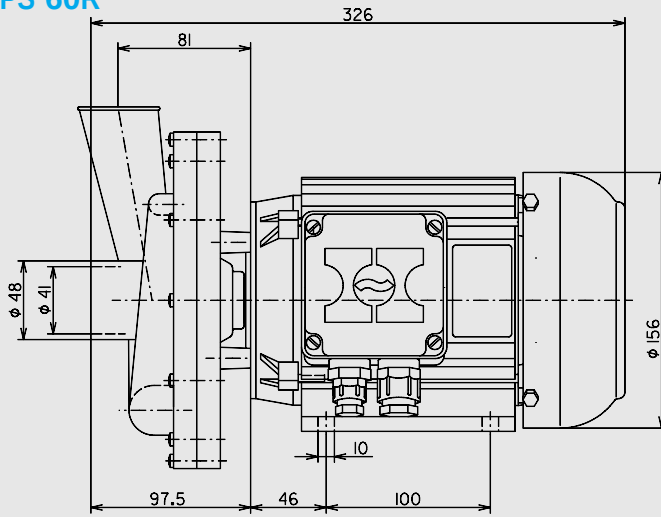


PS 60



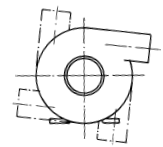
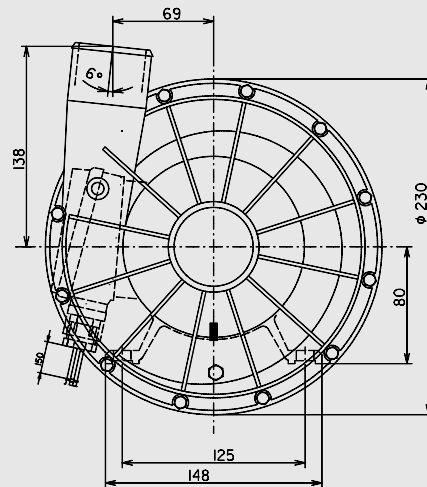
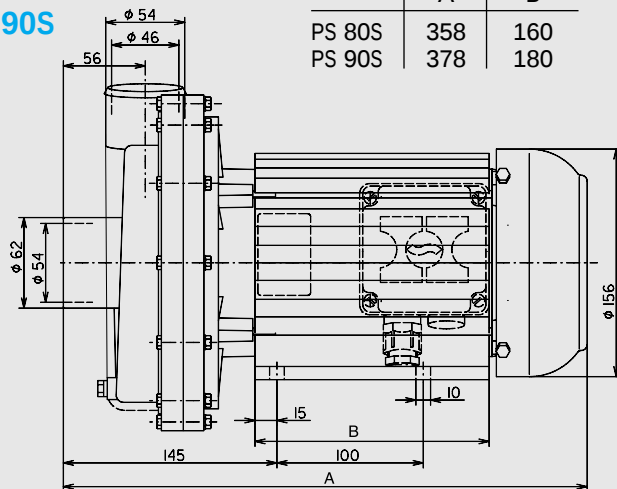


PS 60R



PS 80S PS 90S

	A	B
PS 80S	358	160
PS 90S	378	180





HANNING
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