Ordering Code Rules

B	A	P	2	B0	D	3	TO	EO	/omit	/omit	/omit
Boden	Material	Function	Group	Front cover	Rotation	Displacement	Shaft	Ports	Special structure	Options	Other

	Material
A	Front and end cover material aluminium
H	30 bar. Front and end cover material cast iron, pressure 30 bar higher than aluminum covers

	Function
P	Pump
M	Motor

	Group
2	Group 2

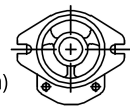
	Rotation
D	Clockwise
S	Counter clockwise
R	Reversible

Displacement
3
4
6
8
10
12
14
16
18
20
22
25
28
30

	Special designing
	Special designing

Options	
	Omit-Range between -10°C and +80°C, inlet pressure up to max. 3 bar absolute.
V	Version suitable for fluid at hi-temperatures, range between -10°C and +120°C.
H	Version suitable for fluid at low-temperatures, range between -40°C and +80°C.
N	Version suitable for inlet pressure up to max. 3 and 10 bar absolute.
For other special options, please contact our engineers.	

Front cover

A0	**ø85.55** Diamond front cover (centering ø82.55mm)	
B0	**ø36.5** Square front cover (centering ø36.5mm)	
B1	**ø38** Square front cover (centering ø38mm)	
B2	**ø80** Square front cover (centering ø80mm)	
Q0	**ø50** Square front cover (centering ø50mm)	
Q2	**ø52, O-RING** Square front cover (centering ø52mm), O-RING	

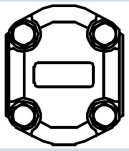
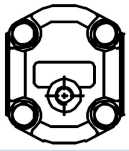
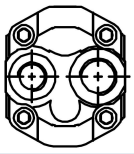
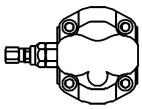
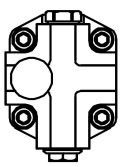
Shaft

TO	**1:8** Taper shaft 1:8	
T1	**1:5** Taper shaft 1:5	
C0	Straight keyed	
G0	Tang shaft	
G1	Tang shaft	
H0	Rectangle spline shaft ⎍4-15x11.4x4	
S0	**SAE** SAE spline shaft DP16/32-30°-9T	
S1	SAE spline shaft DP16/32-30°-11T	
S8	SAE spline shaft DP16/32-30°-10T	

Ports

E_	Rectanglular flange	
F_	Rectanglular flange	
F_	Split flange	
Z_	**(M)** Metric thread	
L_	**(G)** Gas thread	
U_	**(UNF-2B)** UNF thread	
R_	**(PT)** PT thread	
N_	**(NPT)** NPT thread	
X_	Body without ports	

Special structure

	omit-regular	
Q_	Back cover with oil drain	
__	Back cover with inlet and outlet	
DF0	Back cover with one-way valve	
YF0	Back cover with relief valve	
HFA_	Back cover with constant flow valve	

99 See page 99 for details

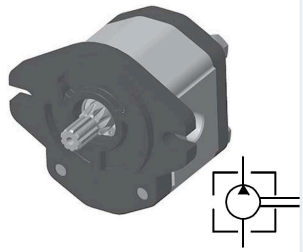
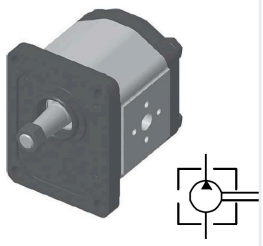
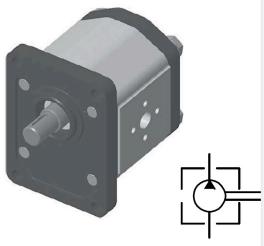
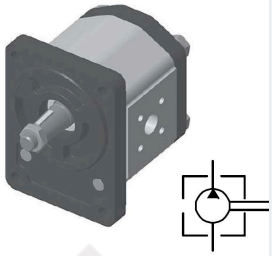
100 See page 100 for details

101-102 See page 101-102 for details

103 See page 103 for details

If you need other models, please see the details page or contact our engineers.

Standart Product Overview

type				
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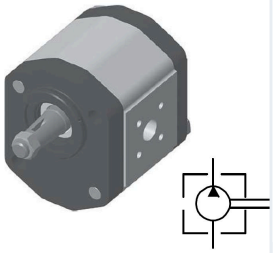
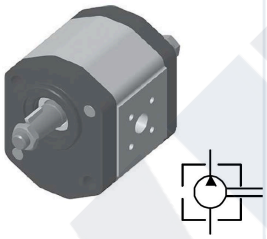
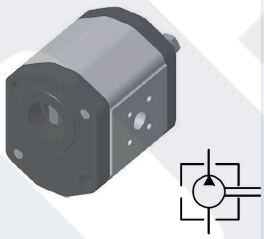
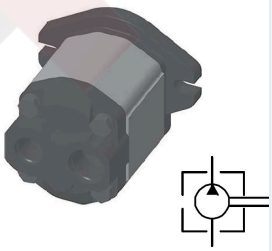
type				
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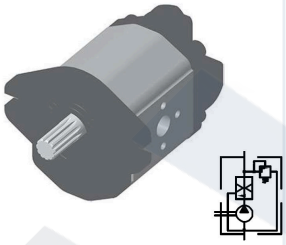
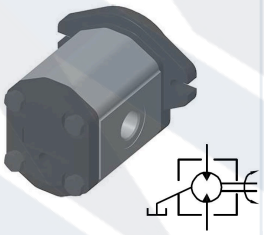
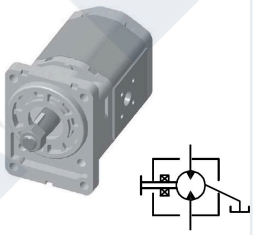
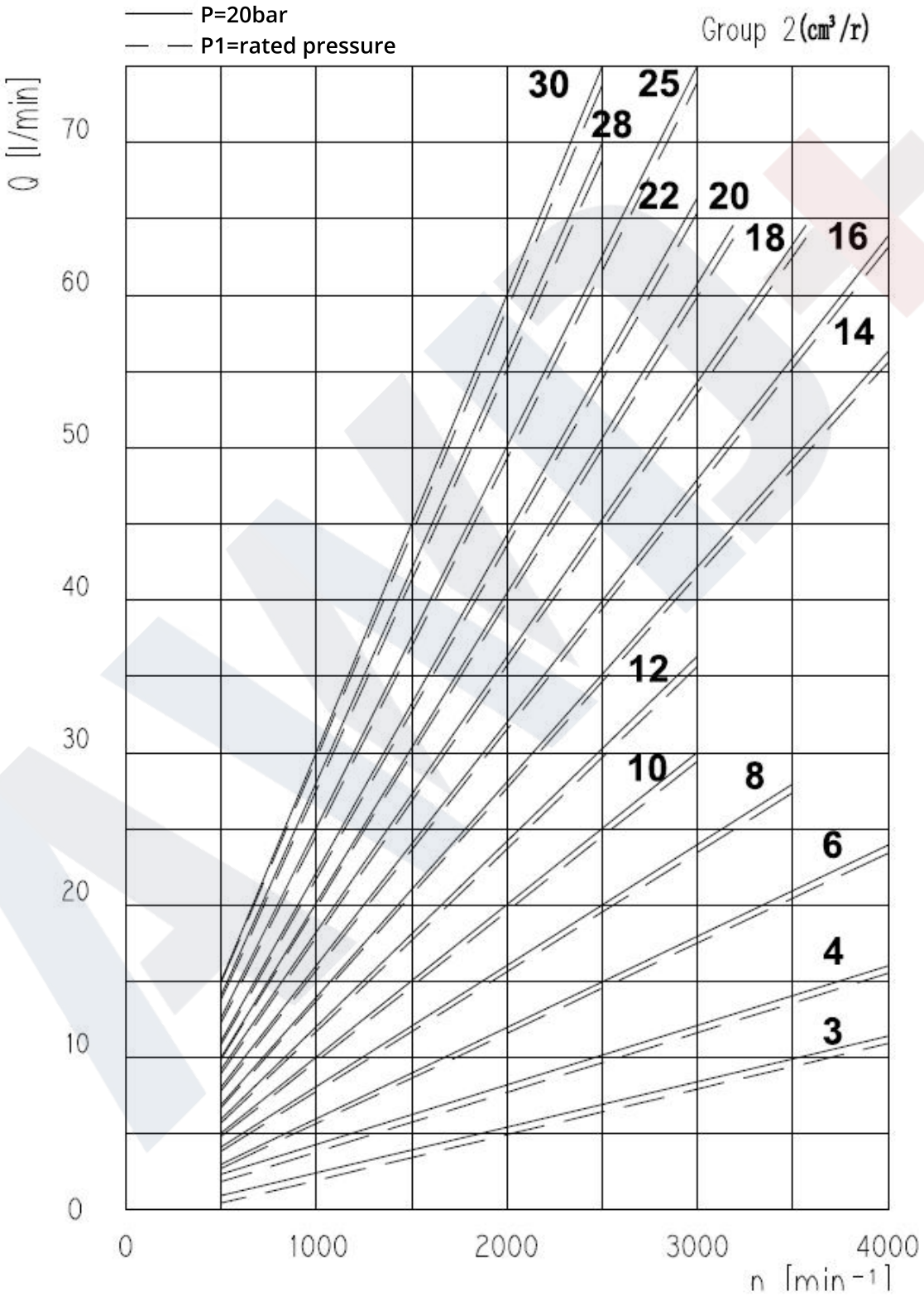
type				
page	112	113	114	

Displacement parameter table

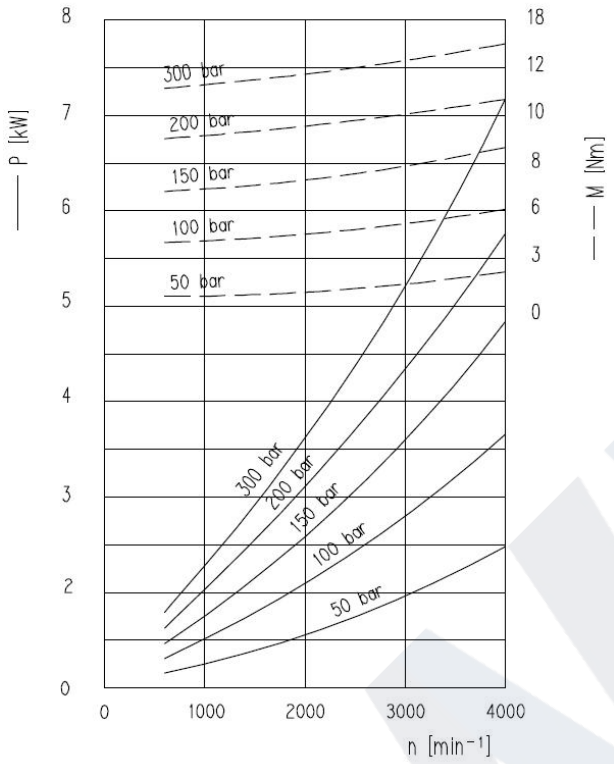
Displacement	V	cm³/rev	3	4	6	8	10	12	14	16	18	20	22	25	28	30
Suction absolute pressure	Pe	bar	0.7...3													
Max. continuous pressure	P1		270						250			220		200	180	160
Max. intermittent pressure	P2		285						265			235		215	190	170
Max. peak pressure	P3		300						280			250		230	200	180
Min. speed	n_{Min}	r/min	800	600			500				400					
Max.speed	n_{Max}		4000			3500			3200			3000		2500		
Volumetric efficiency	η_v	%	>91				>92				>93			>95		

Power Perfomance Curve Table

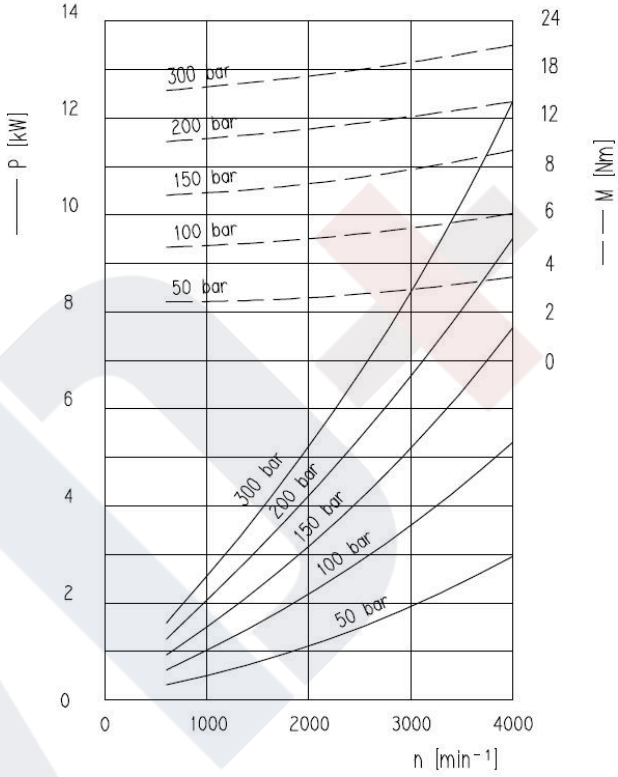


Power Perfomance Curve Table

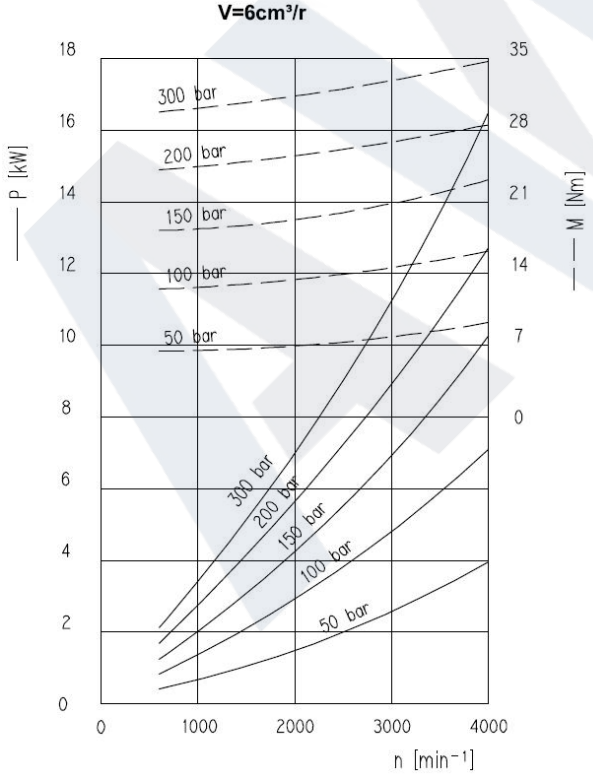
V=3cm³/r



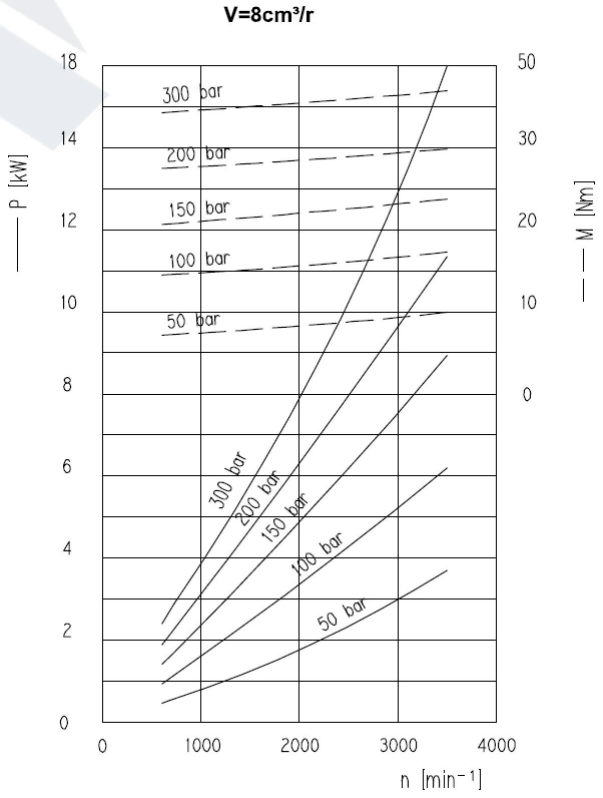
V=4cm³/r



V=6cm³/r

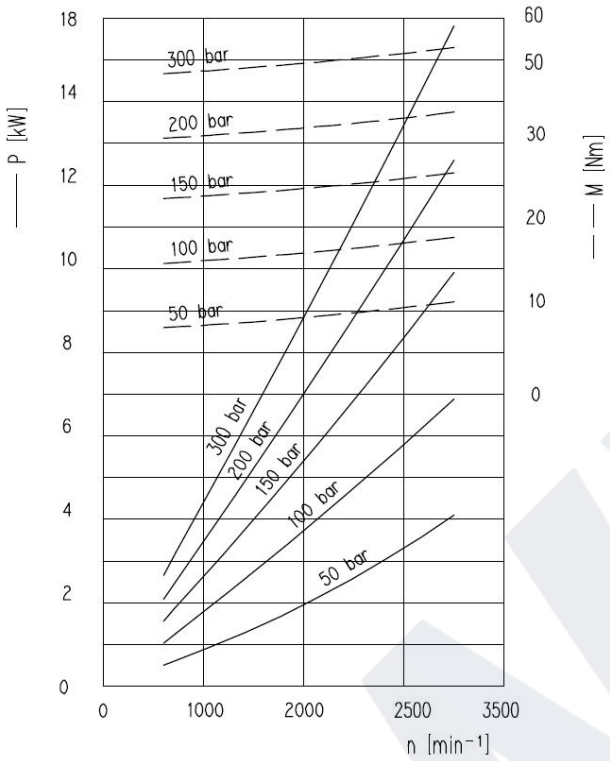


V=8cm³/r

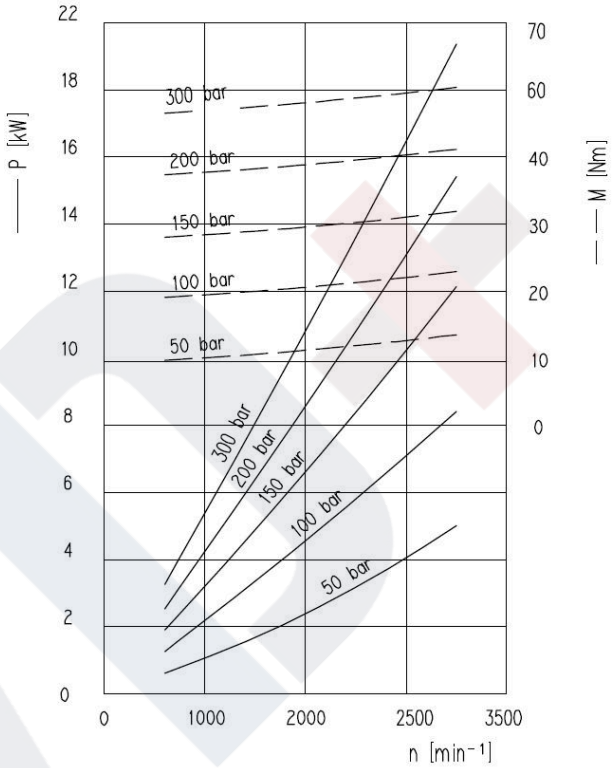


Power Perfomance Curve Table

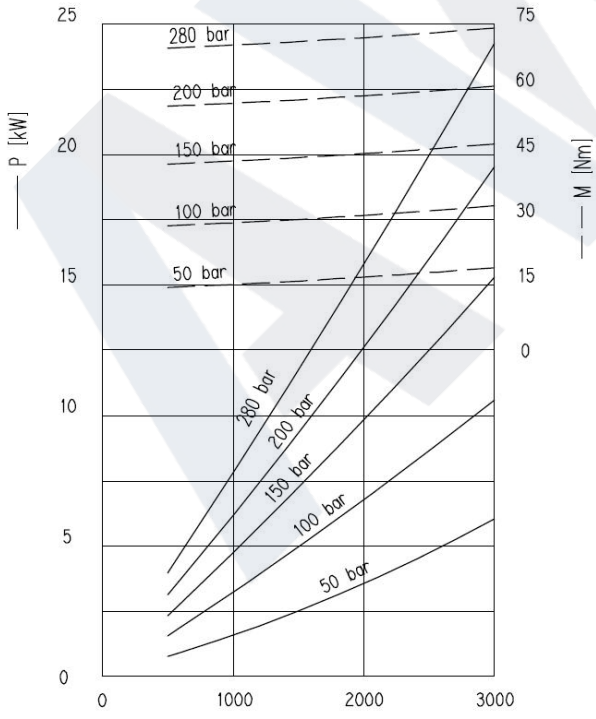
V=10cm³/r



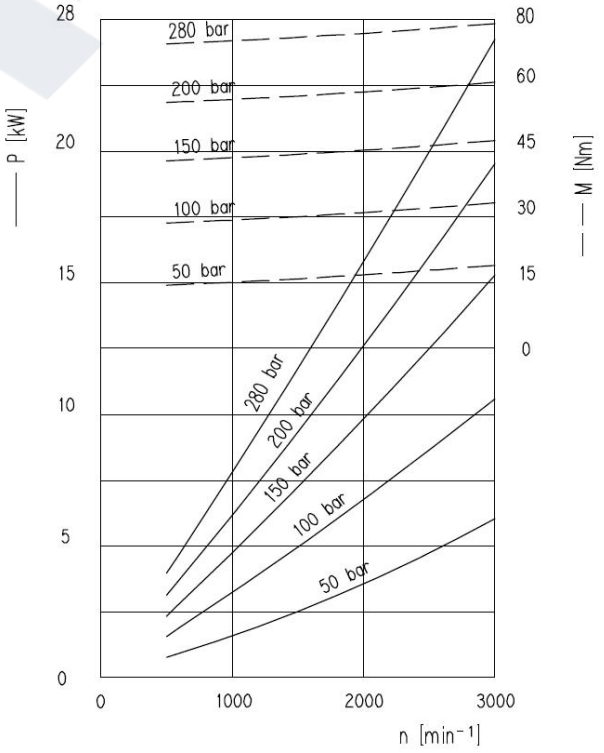
V=12cm³/r



V=14cm³/r

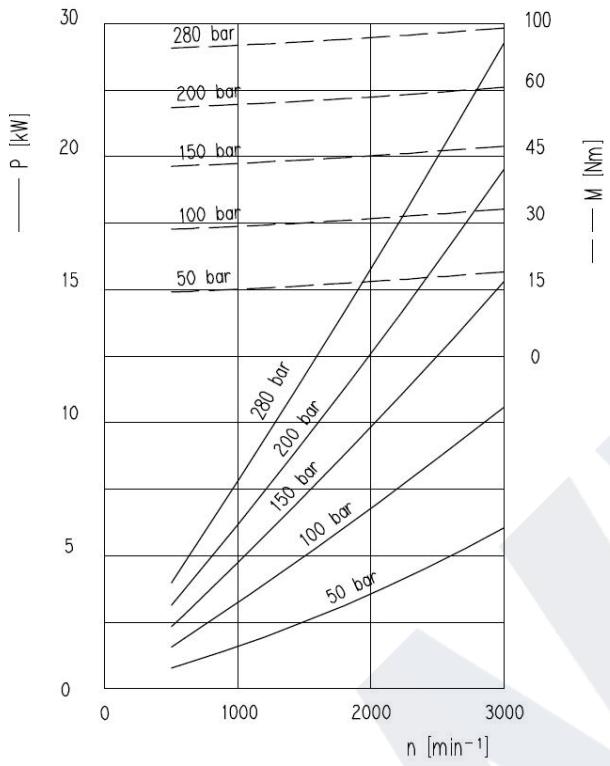


V=16cm³/r

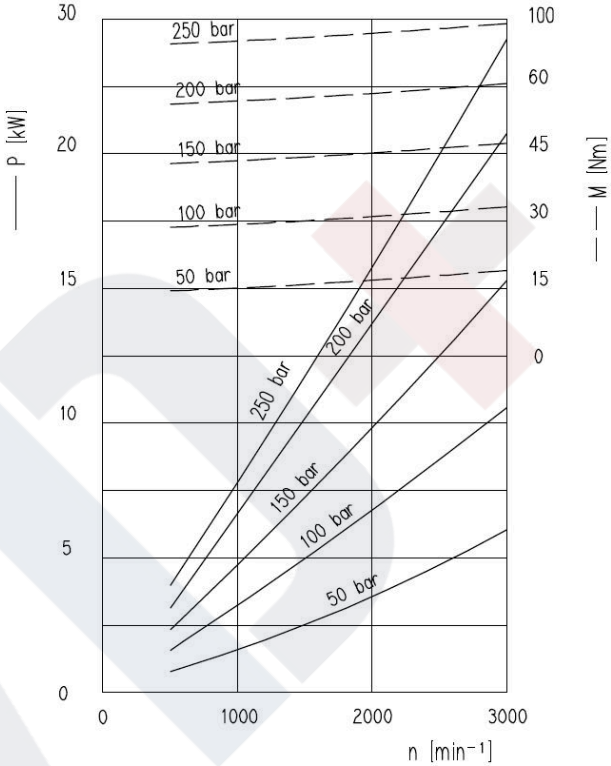


Power Perfomance Curve Table

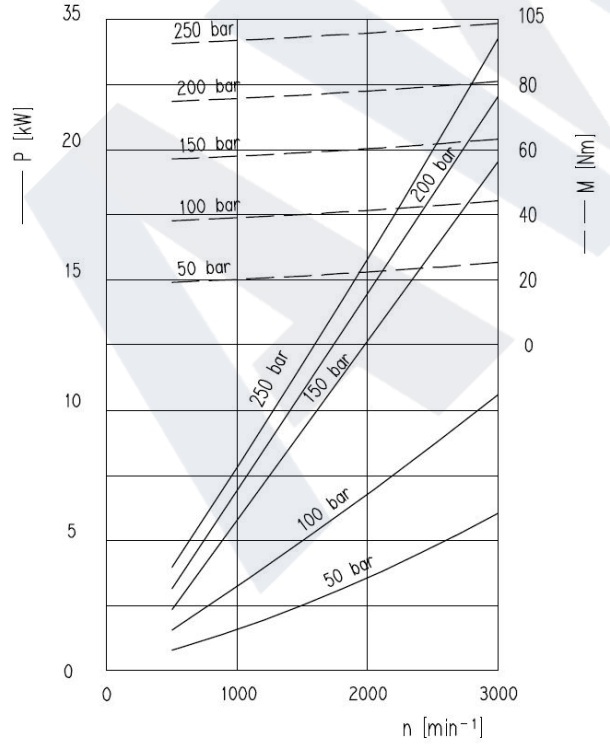
V=18cm³/r



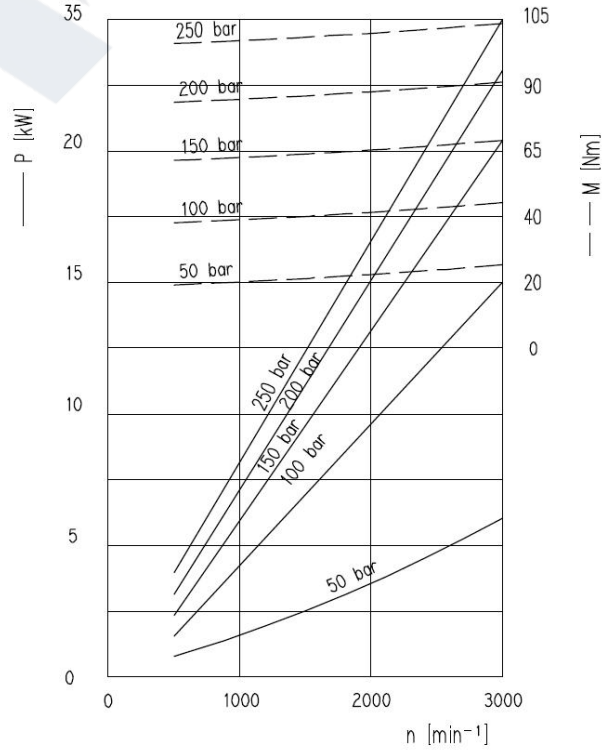
V=20cm³/r



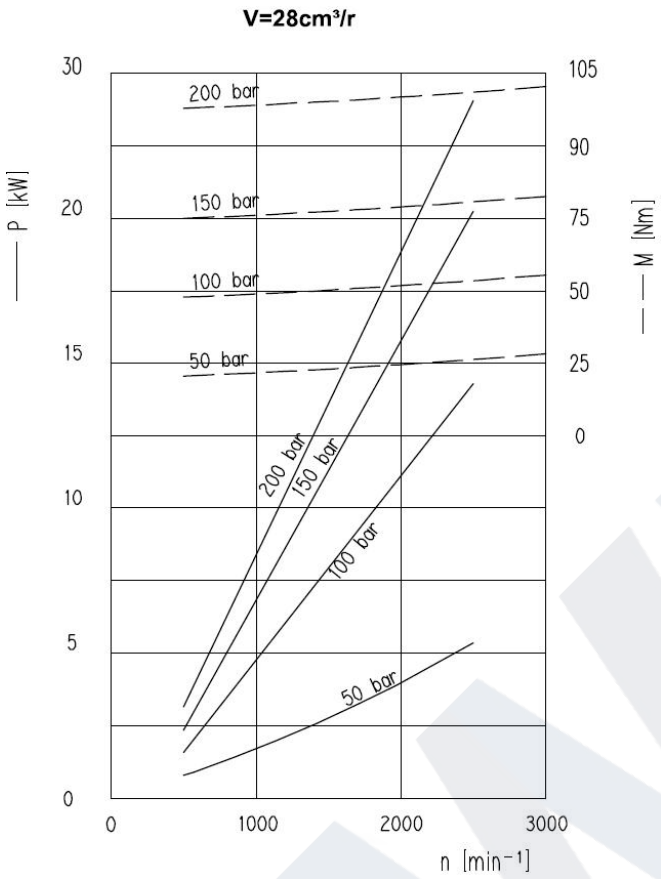
V=22cm³/r

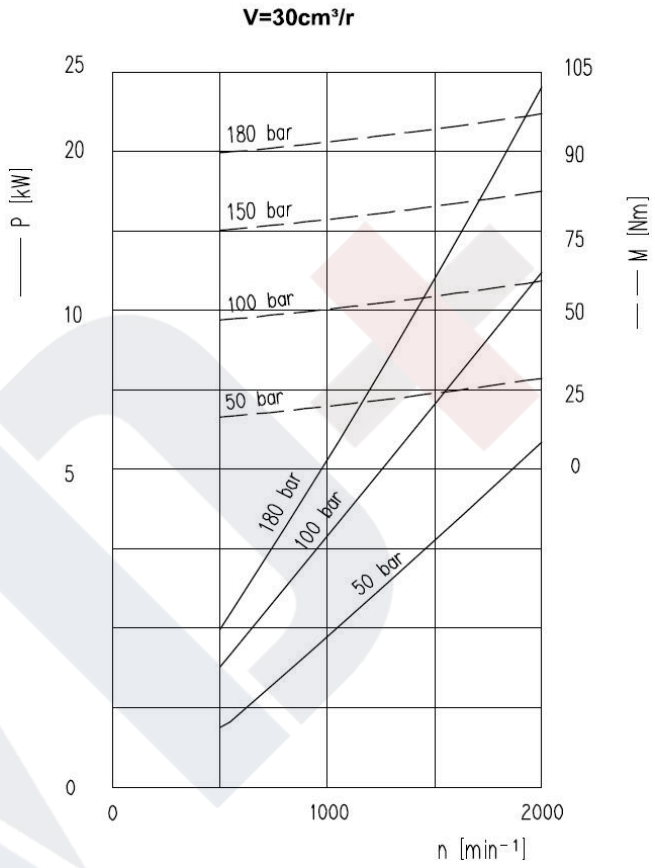


V=25cm³/r



Power Perfomance Curve Table





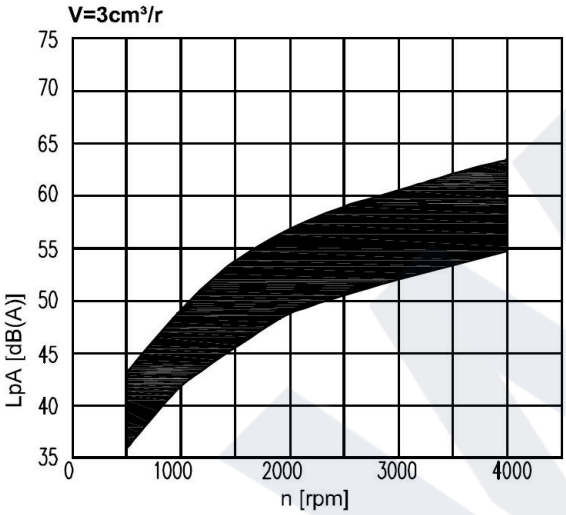
Noise Curve Table

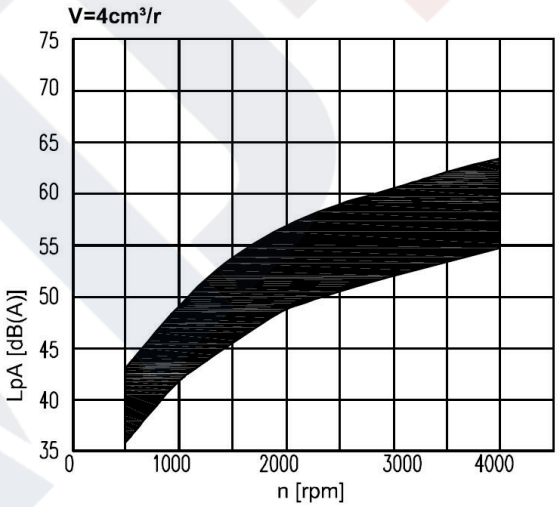
The noise level depends on the speed and pressure range;
This pressure range is between10 bar and pressure value P1.

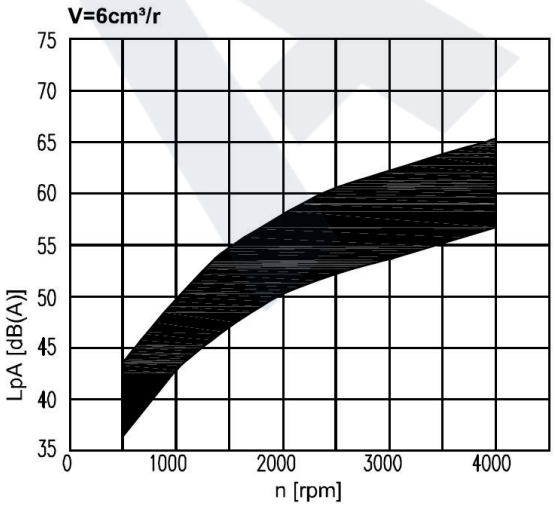
Oil data: v=32 mm^2/s, θ=50°C.

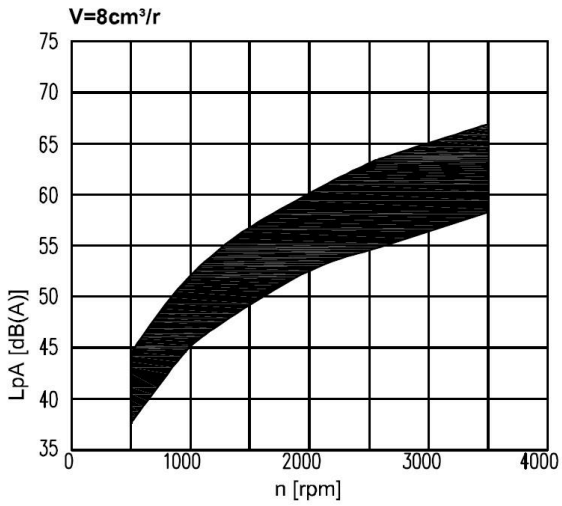
The sound pressure level obtained by calculating the noise value measured from the sound absorption measuring room meets the requiements of Chapter 26 of DIN 45635.

Distance between measuring sensor and hydraulic pump: 1m.



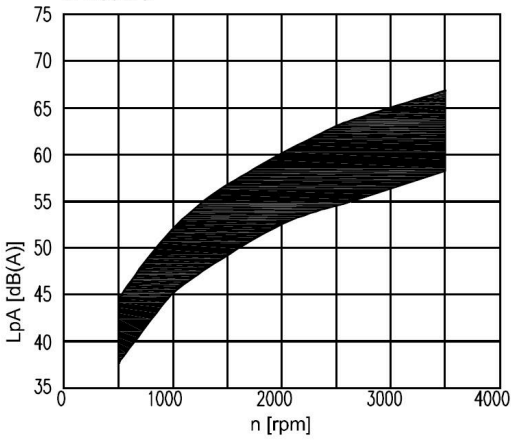




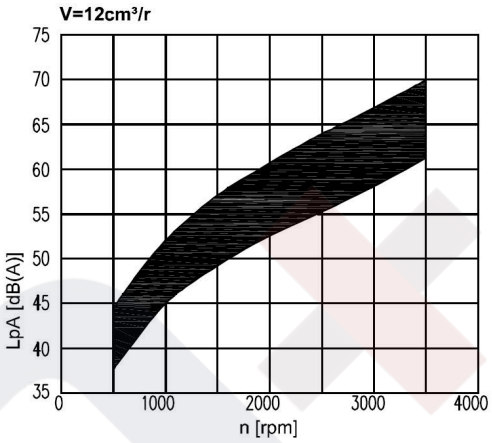


Noise Curve Table

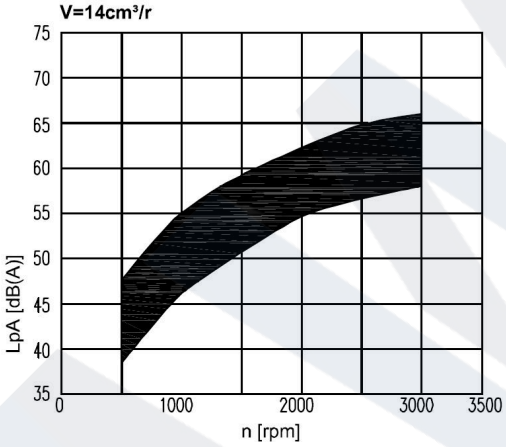
V=10cm³/r



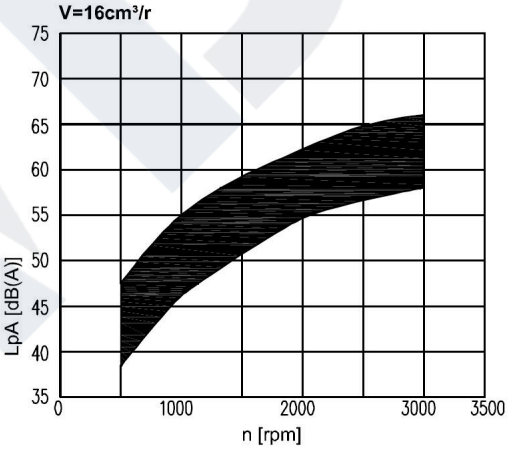
V=12cm³/r



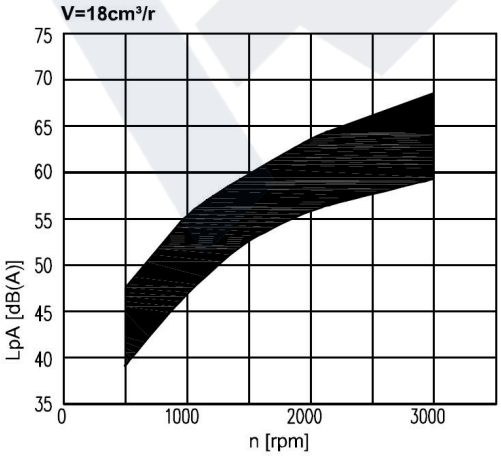
V=14cm³/r



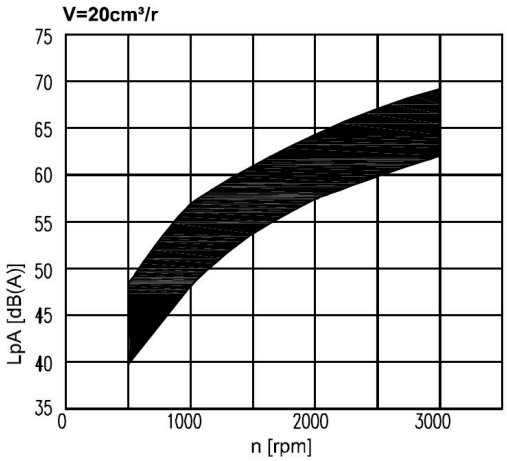
V=16cm³/r



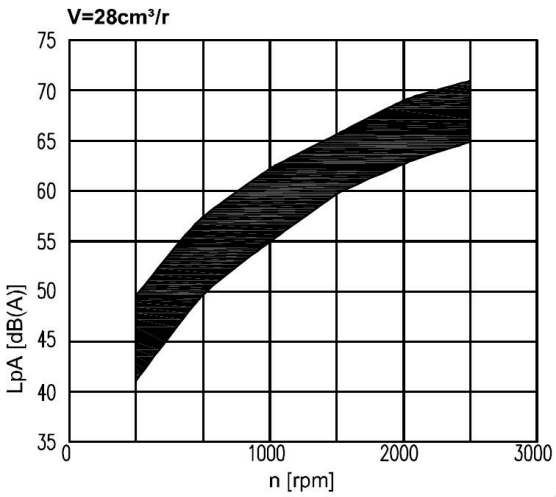
V=18cm³/r

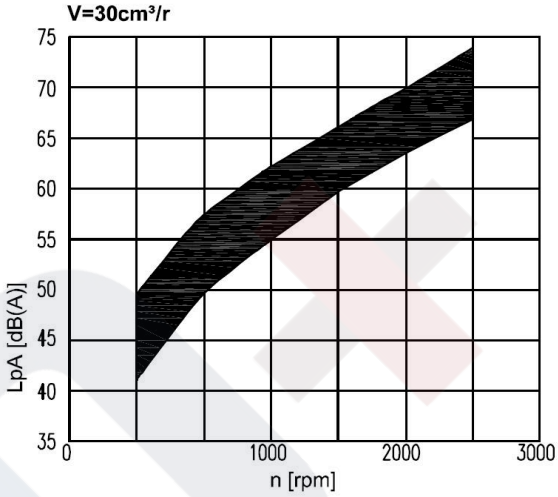


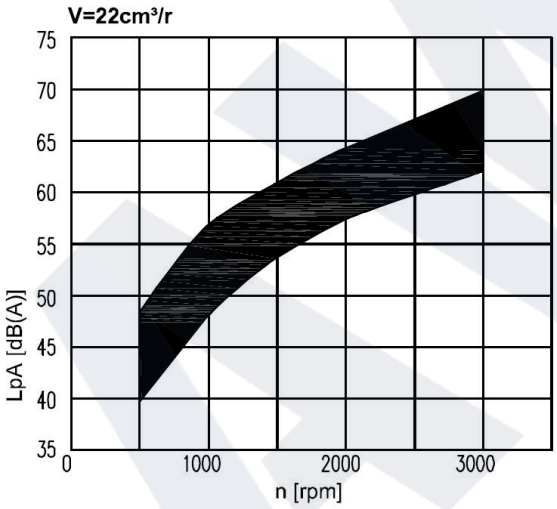
V=20cm³/r

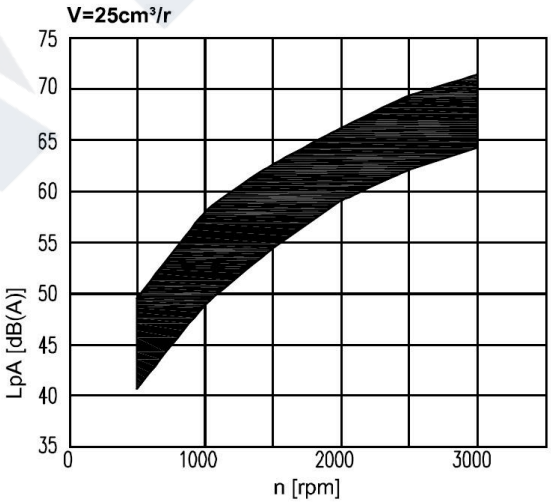


Noise Curve Table

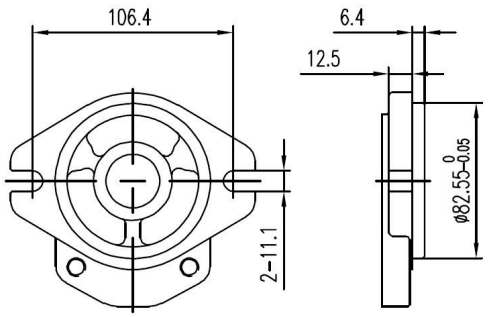




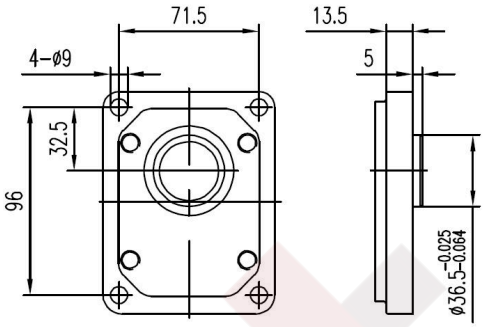




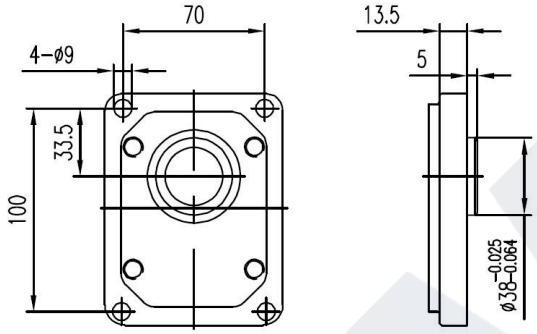
Front cover



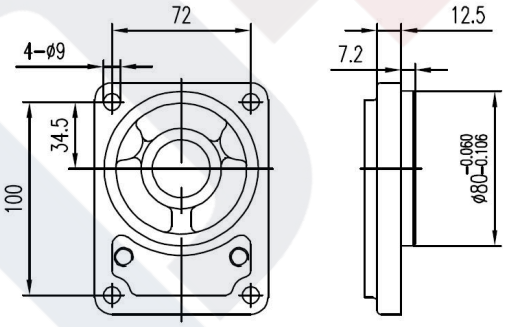
A0



B0



B1



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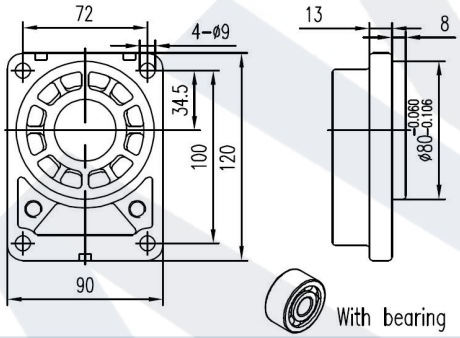

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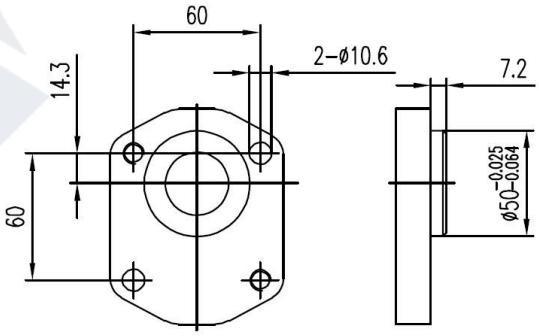
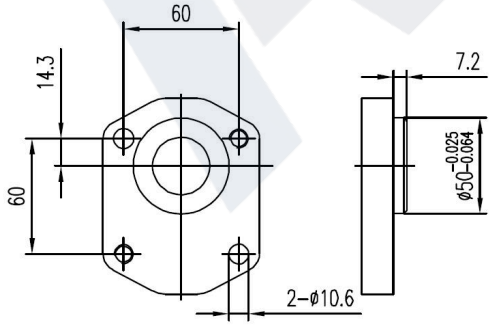
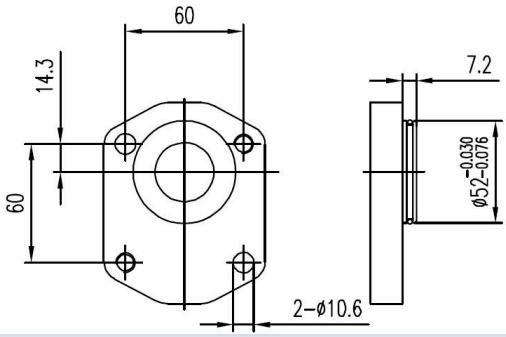


Q0

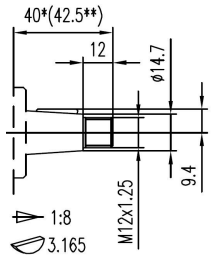


Q1



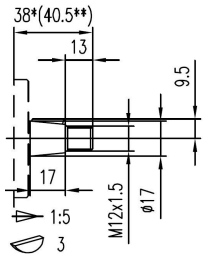
Q2

Shafts



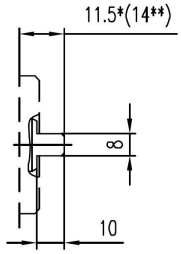
T0

Max. Torque 200 Nm



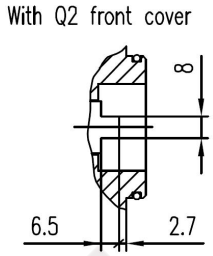
T1

Max. Torque 180 Nm



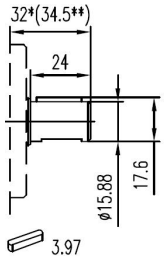
G0

Max. Torque 100 Nm



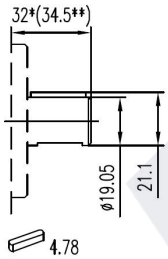
G1

Max. Torque 100 Nm



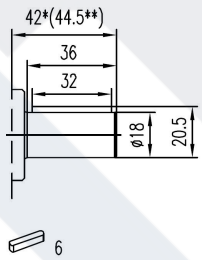
C0

Max. Torque 140 Nm



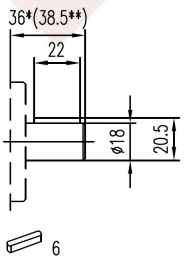
C1

Max. Torque 160 Nm



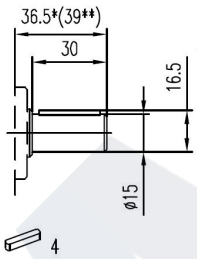
C2

Max. Torque 150 Nm



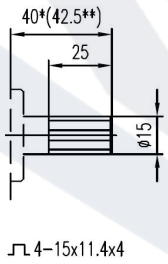
C3

Max. Torque 150 Nm



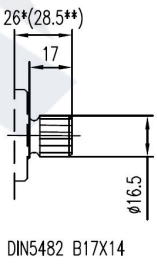
C4

Max. Torque 135 Nm



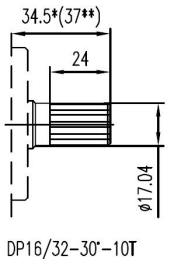
H0

Max. Torque 185 Nm



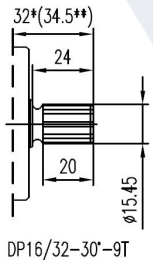
S3

Max. Torque 150 Nm



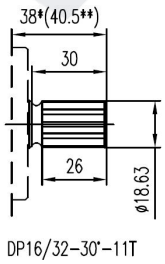
S8

Max. Torque 190 Nm



S0

Max. Torque 185 Nm



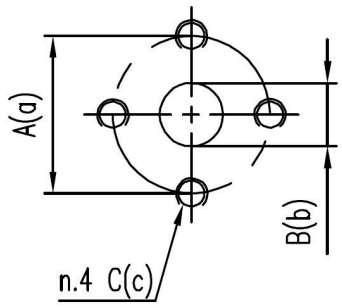
S1

Max. Torque 200 Nm

*
Dimension with front cover A/B

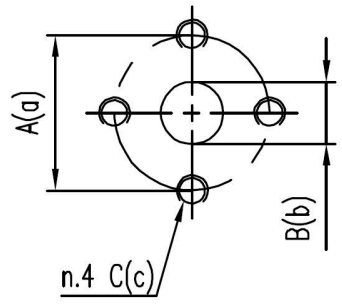
**
Dimension with front cover Q

Ports



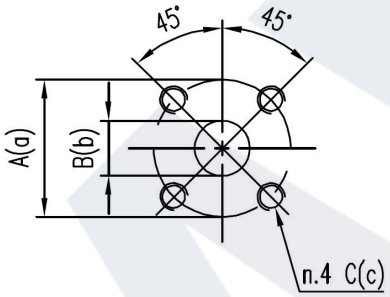
E0/E1/E2

PORTS CODE	Displacement	INLET			OUTLET		
	(cm³/rev)	A	B	C	a	b	c
E0	3...8	30	13	M6	30	13	M6
E1	10...22	40	20	M6	30	13	M6
E2	25...30	40	22	M6	30	13	M6



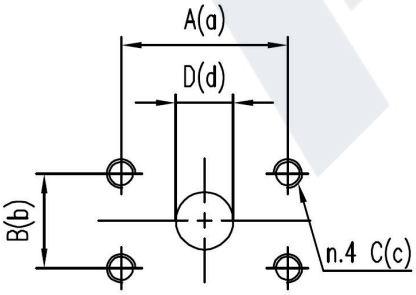
E3

PORTS CODE	Displacement	INLET			OUTLET		
	(cm³/rev)	A	B	C	a	b	c
E3	3...8	38	14	M8	38	10	M8
E3	10...22	38	18	M8	38	15	M8
E3	25...30	38	20	M8	38	15	M8



F0/F1/F13

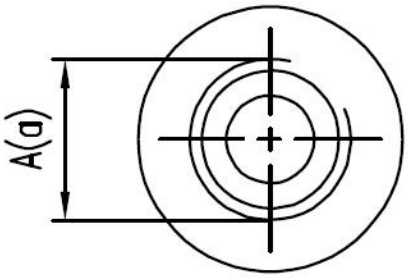
PORTS CODE	Displacement	INLET			OUTLET		
	(cm³/rev)	A	B	C	a	b	c
F0	3...8	40	15	M6	35	15	M6
F1	10...30	40	20	M8	35	15	M6
F13	10...30	40	20	M6	40	20	M6



F2/F3/F4

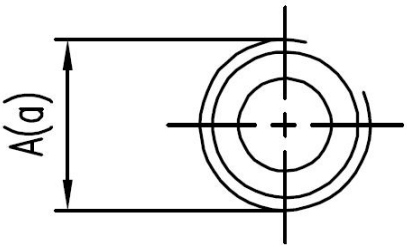
Ports code	Displacement	INLET				OUTLET			
	(cm3/rev)	A	B	C	D	a	b	c	d
F2	3...16	38.1	17.48	5/16-18UNC	13	38.1	17.48	5/16-18UNC	13
F3	18...20	47.63	22.23	3/8-16UNC	20	38.1	17.48	5/16-18UNC	13
F4	22...30	47.63	22.23	3/8-16UNC	20	47.63	22.23	3/8-16UNC	20

Ports



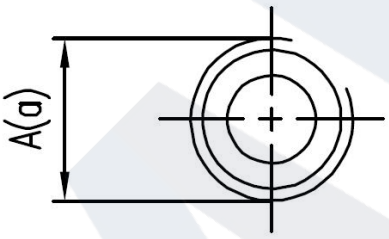
L0/L1

PORTS CODE	Displacement	INLET	OUTLET
	(cm³/rev)	A	a
L0	3...6	G1/2	G1/2
L1	8...30	G3/4	G1/2



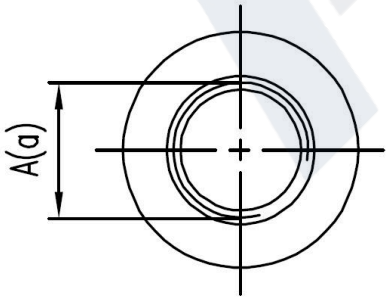
R0/R1/R2

PORTS CODE	Displacement	INLET	OUTLET
	(cm³/rev)	A	a
R0	3...12	PT1/2	PT1/2
R1	14...25	PT3/4	PT1/2
R2	28...30	PT1	PT3/4



Z0/Z1/Z3

PORTS CODE	Displacement	INLET	OUTLET
	(cm³/rev)	A	a
Z0	3...12	M14x1.5	M14x1.5
Z1	14...25	M20x1.5	M18x1.5
Z3	28...30	M24x1.5	M22x1.5

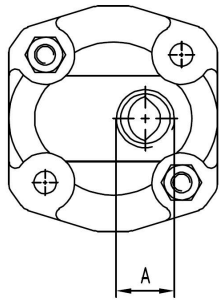


O-ring

U0/U1

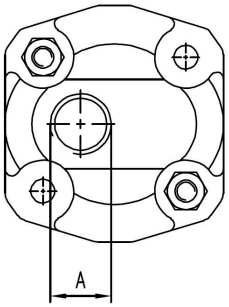
PORTS CODE	Displacement	INLET	OUTLET
	(cm³/rev)	A	a
U0	3...28	1 1/16-12 UNF	7/8-14 UNF
U1	30	1 5/16-12 UNF	7/8-14 UNF

Special structure



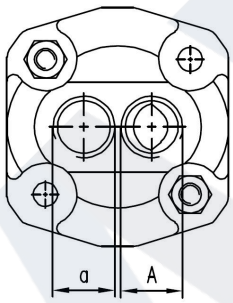
Q_

CODE	oil drain
	A
Q1	G1/4
Q2	9/16-18UNF



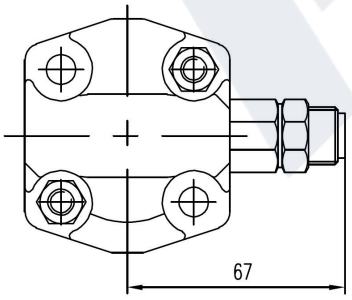
L0/R0/U0

CODE	INLET	OUTLET
	A	a
L0	G1/2	G1/2
R0	PT1/2	PT1/2
U0	1 1/16-12UNF	7/8-14UNF



HFA_

CODE	LET	Oil port position
HFAC19T	M18x1.5	Same side of oil inlet
HFAC19F	M18x1.5	Opposite side of oil inlet

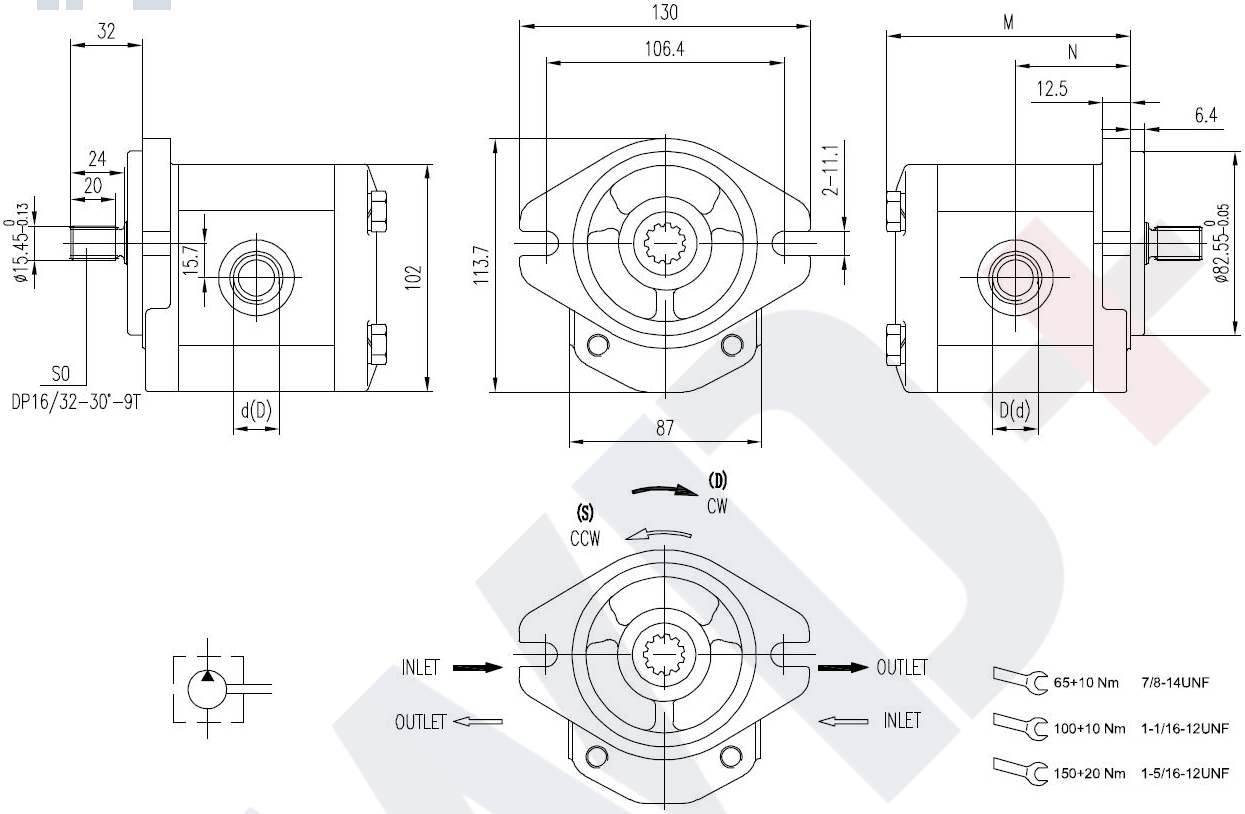


YF0

CODE	Pressure regulating range of overflow valve
YF0	20...250(bar)

Standard Product Dimensions

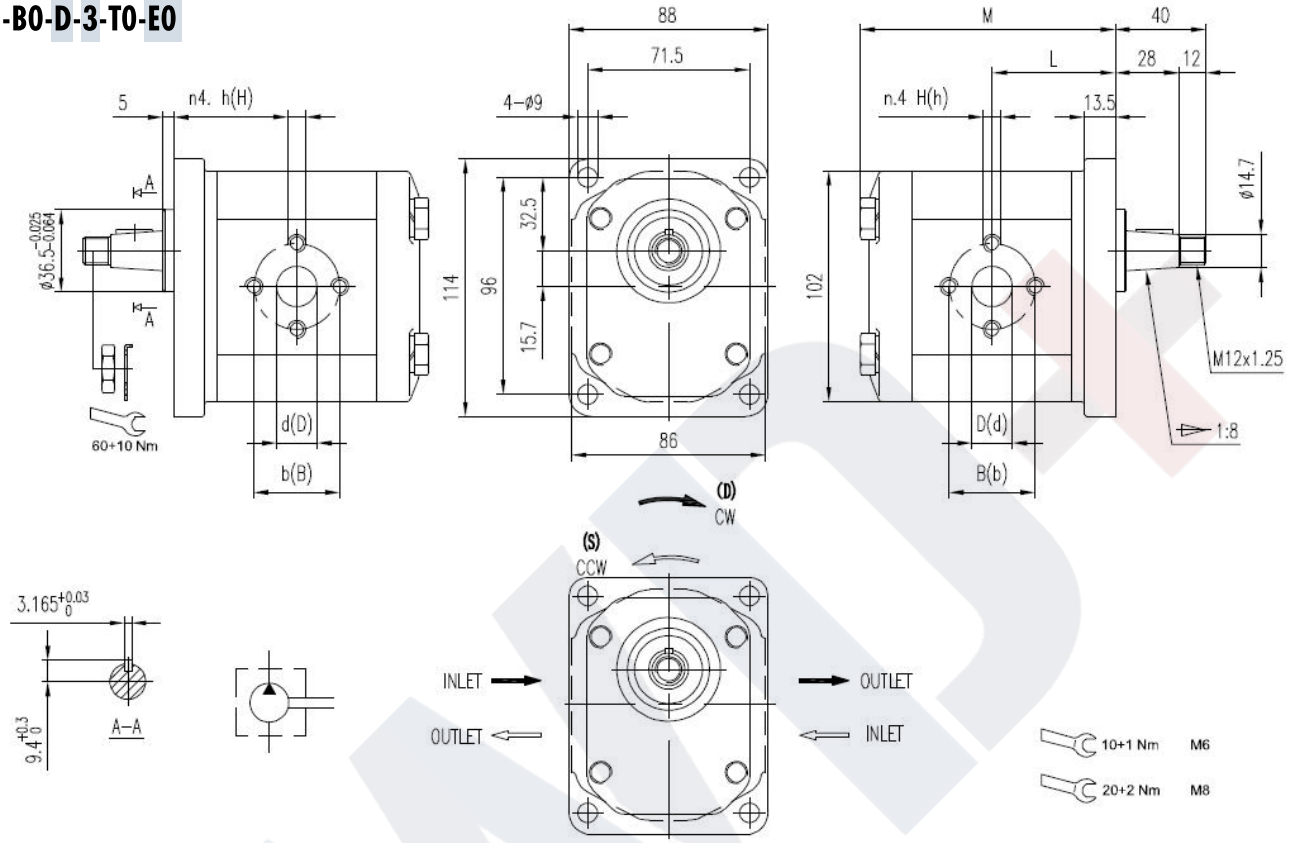
BHP2-A0-D-3-S0-U0



Displace-ment	Max. pressure			Max. speed	Min. speed	Weight	Dimensions		Oil port code	INLET	OUTLET
	P1	P2	P3				M	L		D	d
(cm^3/rev)	bar	bar	bar	(r/min)	(r/min)	Kg	mm	mm			
3	270	285	300	4000	800	3.35	91.1	43.6	U0	1 1/16-12UNF	7/8-14UNF
4	270	285	300	4000	600	3.4	92.7	44.4	U0	1 1/16-12UNF	7/8-14UNF
6	270	285	300	4000	600	3.5	96	46	U0	1 1/16-12UNF	7/8-14UNF
8	270	285	300	3500	500	3.6	99.3	47.7	U0	1 1/16-12UNF	7/8-14UNF
10	270	285	300	3500	500	3.7	102.6	49.3	U0	1 1/16-12UNF	7/8-14UNF
12	270	285	300	3500	500	3.8	105.9	51	U0	1 1/16-12UNF	7/8-14UNF
14	250	265	280	3500	500	3.9	109.3	52.7	U0	1 1/16-12UNF	7/8-14UNF
16	250	265	280	3500	500	4.0	112.7	54.4	U0	1 1/16-12UNF	7/8-14UNF
18	250	265	280	3200	400	4.1	116	56	U0	1 1/16-12UNF	7/8-14UNF
20	220	235	250	3200	400	4.2	119.3	57.7	U0	1 1/16-12UNF	7/8-14UNF
22	220	235	250	3000	400	4.3	122.6	59.3	U0	1 1/16-12UNF	7/8-14UNF
25	200	215	230	3000	400	4.45	127.6	61.8	U0	1 1/16-12UNF	7/8-14UNF
28	180	190	200	2500	400	4.6	132.6	64.3	U0	1 1/16-12UNF	7/8-14UNF
30	160	170	180	2500	400	4.7	135.9	66	U1	1 5/16-12UNF	7/8-14UNF

Standard Product Dimensions

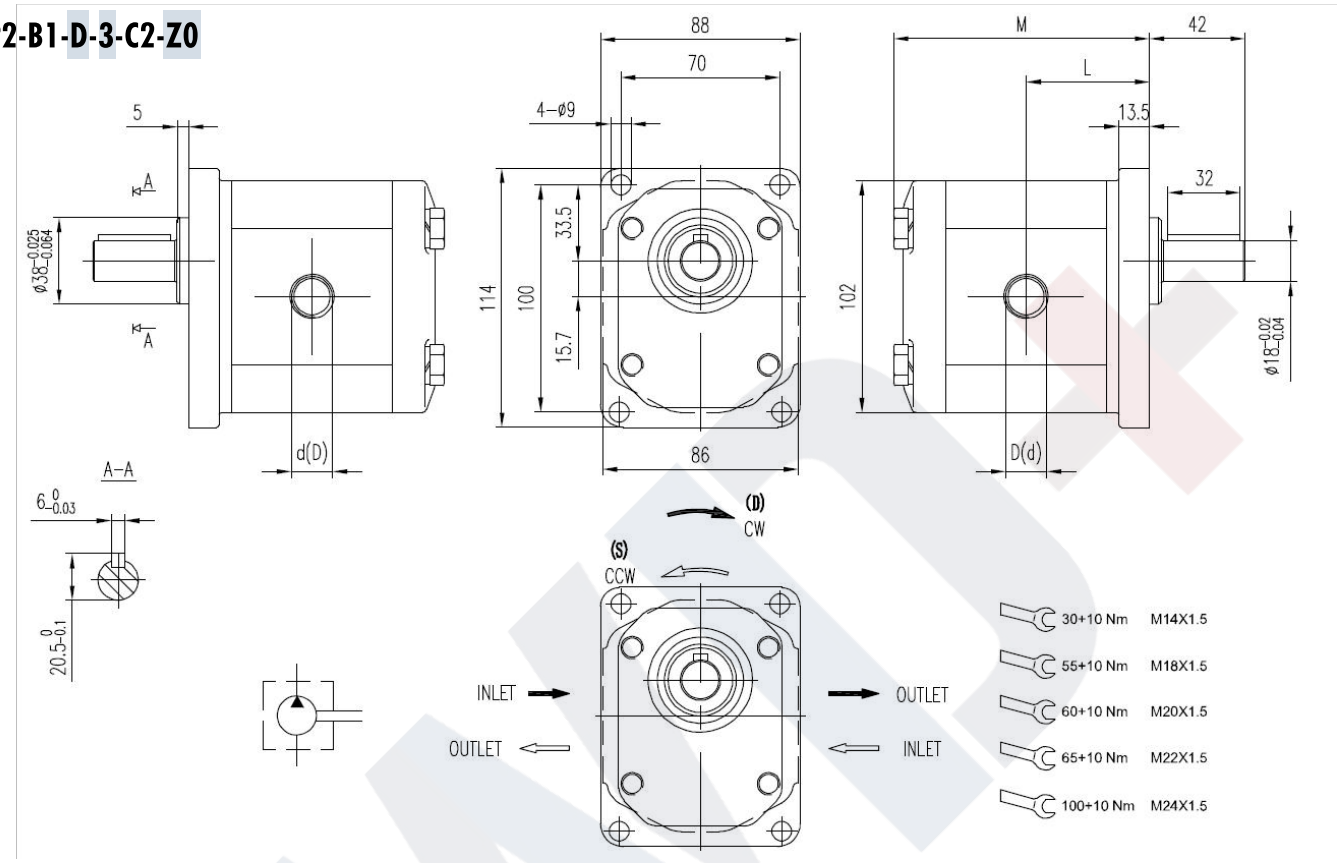
BHP2-B0-D-3-T0-E0



Displace-ment	Max. pressure			Max. speed	Min. speed	Weight	Dimensions		Oil port code	INLET			OUTLET		
	P1	P2	P3				M	L		B	D	H	b	d	h
(cm^3/rev)	bar	bar	bar	(r/min)	(r/min)	Kg	mm	mm		mm	mm		mm	mm	
3	270	285	300	4000	800	3.35	91.1	43.6	E0	30	13	M6	30	13	M6
4	270	285	300	4000	600	3.4	92.7	44.4	E0	30	13	M6	30	13	M6
6	270	285	300	4000	600	3.5	96	46	E0	30	13	M6	30	13	M6
8	270	285	300	3500	500	3.6	99.3	47.7	E0	30	13	M6	30	13	M6
10	270	285	300	3500	500	3.7	102.6	49.3	E1	40	20	M8	30	13	M6
12	270	285	300	3500	500	3.8	105.9	51	E1	40	20	M8	30	13	M6
14	250	265	280	3500	500	3.9	109.3	52.7	E1	40	20	M8	30	13	M6
16	250	265	280	3500	500	4.0	112.7	54.4	E1	40	20	M8	30	13	M6
18	250	265	280	3200	400	4.1	116	56	E1	40	20	M8	30	13	M6
20	220	235	250	3200	400	4.2	119.3	57.7	E1	40	20	M8	30	13	M6
22	220	235	250	3000	400	4.3	122.6	59.3	E1	40	20	M8	30	13	M6
25	200	215	230	3000	400	4.45	127.6	61.8	E2	40	22	M8	30	13	M6
28	180	190	200	2500	400	4.6	132.6	64.3	E2	40	22	M8	30	13	M6
30	160	170	180	2500	400	4.7	135.9	66	E2	40	22	M8	30	13	M6

Standard Product Dimensions

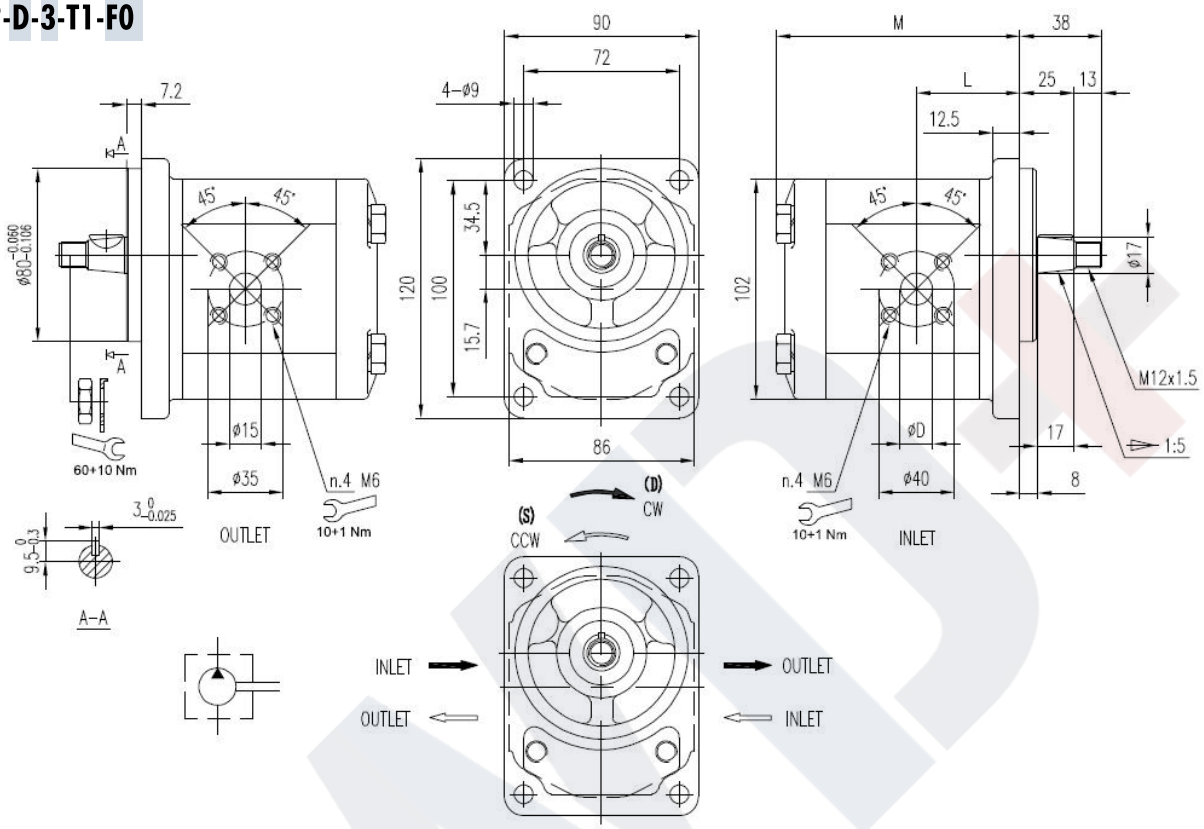
BHP2-B1-D-3-C2-Z0



Displace-ment	Max. pressure			Max. speed	Min. speed	Weight	Dimensions		Oil port code	INLET	OUTLET
	P1	P2	P3				M	L		D	d
(cm^3/rev)	bar	bar	bar	(r/min)	(r/min)	Kg	mm	mm			
3	270	285	300	4000	800	3.35	91.1	43.6	Z0	M14x1.5	M14x1.5
4	270	285	300	4000	600	3.4	92.7	44.4	Z0	M14x1.5	M14x1.5
6	270	285	300	4000	600	3.5	96	46	Z1	M20x1.5	M18x1.5
8	270	285	300	3500	500	3.6	99.3	47.7	Z1	M20x1.5	M18x1.5
10	270	285	300	3500	500	3.7	102.6	49.3	Z1	M20x1.5	M18x1.5
12	270	285	300	3500	500	3.8	105.9	51	Z1	M20x1.5	M18x1.5
14	250	265	280	3500	500	3.9	109.3	52.7	Z1	M20x1.5	M18x1.5
16	250	265	280	3500	500	4.0	112.7	54.4	Z1	M20x1.5	M18x1.5
18	250	265	280	3200	400	4.1	116	56	Z1	M20x1.5	M18x1.5
20	220	235	250	3200	400	4.2	119.3	57.7	Z3	M24x1.5	M22x1.5
22	220	235	250	3000	400	4.3	122.6	59.3	Z3	M24x1.5	M22x1.5
25	200	215	230	3000	400	4.45	127.6	61.8	Z3	M24x1.5	M22x1.5
28	180	190	200	2500	400	4.6	132.6	64.3	Z3	M24x1.5	M22x1.5
30	160	170	180	2500	400	4.7	135.9	66	Z3	M24x1.5	M22x1.5

Standard Product Dimensions

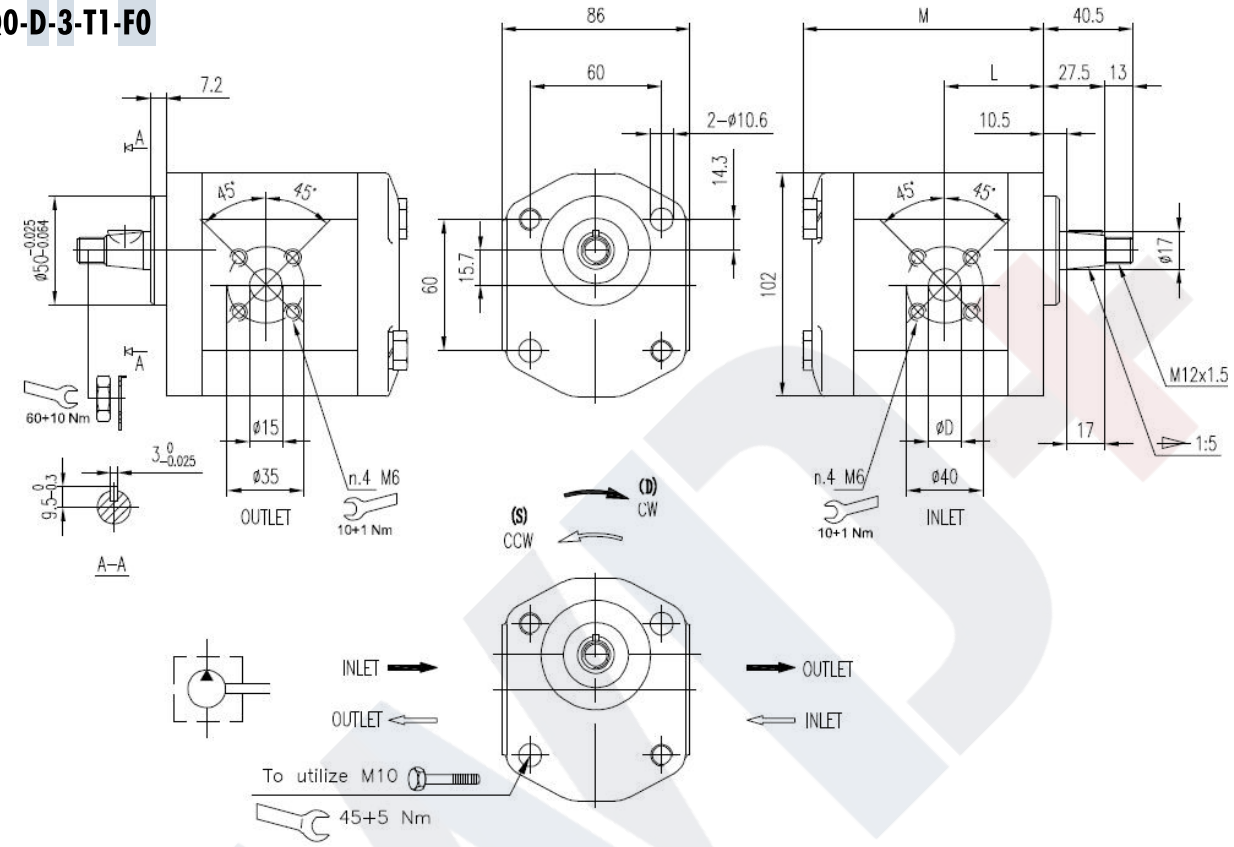
BHP2-B2-D-3-T1-F0



Displace-ment	Max. pressure			Max. speed	Min. speed	Weight	Dimensions		Oil port code	INLET
	P1	P2	P3				M	L		D
(cm^3/rev)	bar	bar	bar	(r/min)	(r/min)	Kg	mm	mm		mm
3	270	285	300	4000	800	3.35	91.1	39.9	F0	15
4	270	285	300	4000	600	3.4	92.7	39.9	F0	15
6	270	285	300	4000	600	3.5	96	41.1	F0	15
8	270	285	300	3500	500	3.6	99.3	43.2	F0	15
10	270	285	300	3500	500	3.7	102.6	43.7	F1	20
12	270	285	300	3500	500	3.8	105.9	47.5	F1	20
14	250	265	280	3500	500	3.9	109.3	47.5	F1	20
16	250	265	280	3500	500	4.0	112.7	47.5	F1	20
18	250	265	280	3200	400	4.1	116	47.5	F1	20
20	220	235	250	3200	400	4.2	119.3	47.5	F1	20
22	220	235	250	3000	400	4.3	122.6	55.1	F1	20
25	200	215	230	3000	400	4.45	127.6	61.8	F1	20
28	180	190	200	2500	400	4.6	132.6	64.3	F1	20
30	160	170	180	2500	400	4.7	135.9	66	F1	20

Standard Product Dimensions

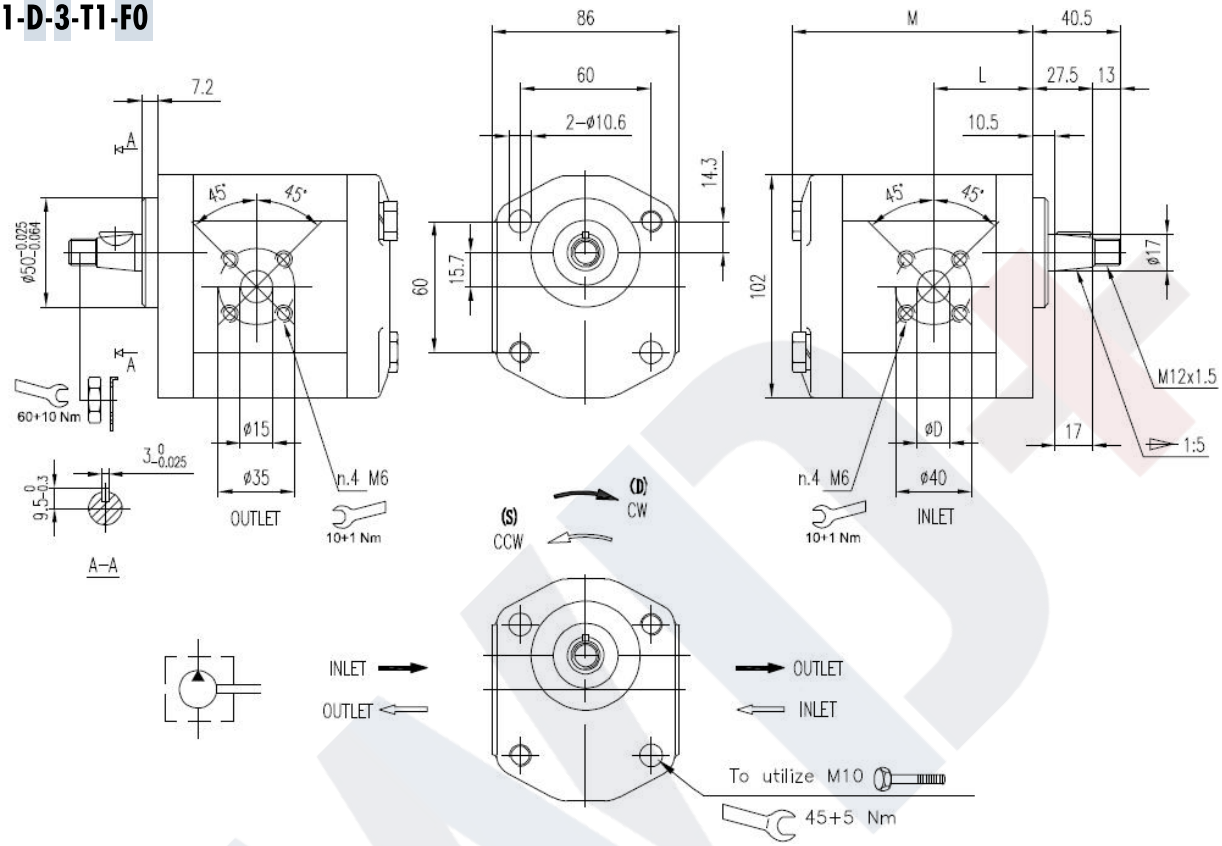
BHP2-Q0-D-3-T1-F0



Displace-ment	Max. pressure			Max. speed	Min. speed	Weight	Dimensions		Oil port code	INLET
	P1	P2	P3				M	L		D
(cm^3/rev)	bar	bar	bar	(r/min)	(r/min)	Kg	mm	mm		mm
3	270	285	300	4000	800	3.35	88.6	37.4	F0	15
4	270	285	300	4000	600	3.4	90.2	37.4	F0	15
6	270	285	300	4000	600	3.5	93.5	38.6	F0	15
8	270	285	300	3500	500	3.6	96.8	40.7	F0	15
10	270	285	300	3500	500	3.7	100.1	41.2	F1	20
12	270	285	300	3500	500	3.8	103.4	45	F1	20
14	250	265	280	3500	500	3.9	106.8	45	F1	20
16	250	265	280	3500	500	4.0	110.2	45	F1	20
18	250	265	280	3200	400	4.1	113.5	45	F1	20
20	220	235	250	3200	400	4.2	116.8	45	F1	20
22	220	235	250	3000	400	4.3	120.1	52.6	F1	20
25	200	215	230	3000	400	4.45	125.1	59.3	F1	20
28	180	190	200	2500	400	4.6	130.1	61.8	F1	20
30	160	170	180	2500	400	4.7	133.4	63.5	F1	20

Standard Product Dimensions

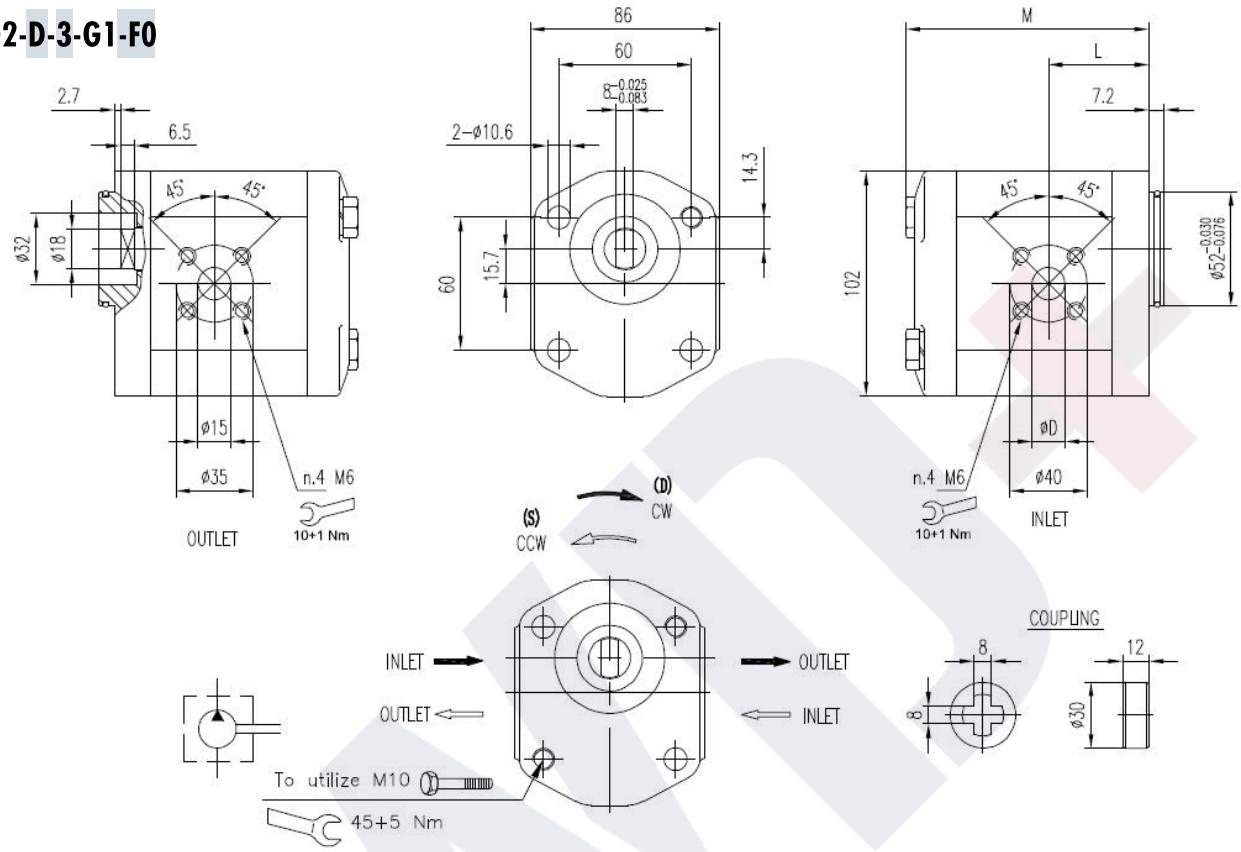
BHP2-Q1-D-3-T1-F0



Displace-ment	Max. pressure			Max. speed	Min. speed	Weight	Dimensions		Oil port code	INLET
	P1	P2	P3				M	L		D
(cm^3/rev)	bar	bar	bar	(r/min)	(r/min)	Kg	mm	mm		mm
3	270	285	300	4000	800	3.35	88.6	37.4	F0	15
4	270	285	300	4000	600	3.4	90.2	37.4	F0	15
6	270	285	300	4000	600	3.5	93.5	38.6	F0	15
8	270	285	300	3500	500	3.6	96.8	40.7	F0	15
10	270	285	300	3500	500	3.7	100.1	41.2	F1	20
12	270	285	300	3500	500	3.8	103.4	45	F1	20
14	250	265	280	3500	500	3.9	106.8	45	F1	20
16	250	265	280	3500	500	4.0	110.2	45	F1	20
18	250	265	280	3200	400	4.1	113.5	45	F1	20
20	220	235	250	3200	400	4.2	116.8	45	F1	20
22	220	235	250	3000	400	4.3	120.1	52.6	F1	20
25	200	215	230	3000	400	4.45	125.1	59.3	F1	20
28	180	190	200	2500	400	4.6	130.1	61.8	F1	20
30	160	170	180	2500	400	4.7	133.4	63.5	F1	20

Standard Product Dimensions

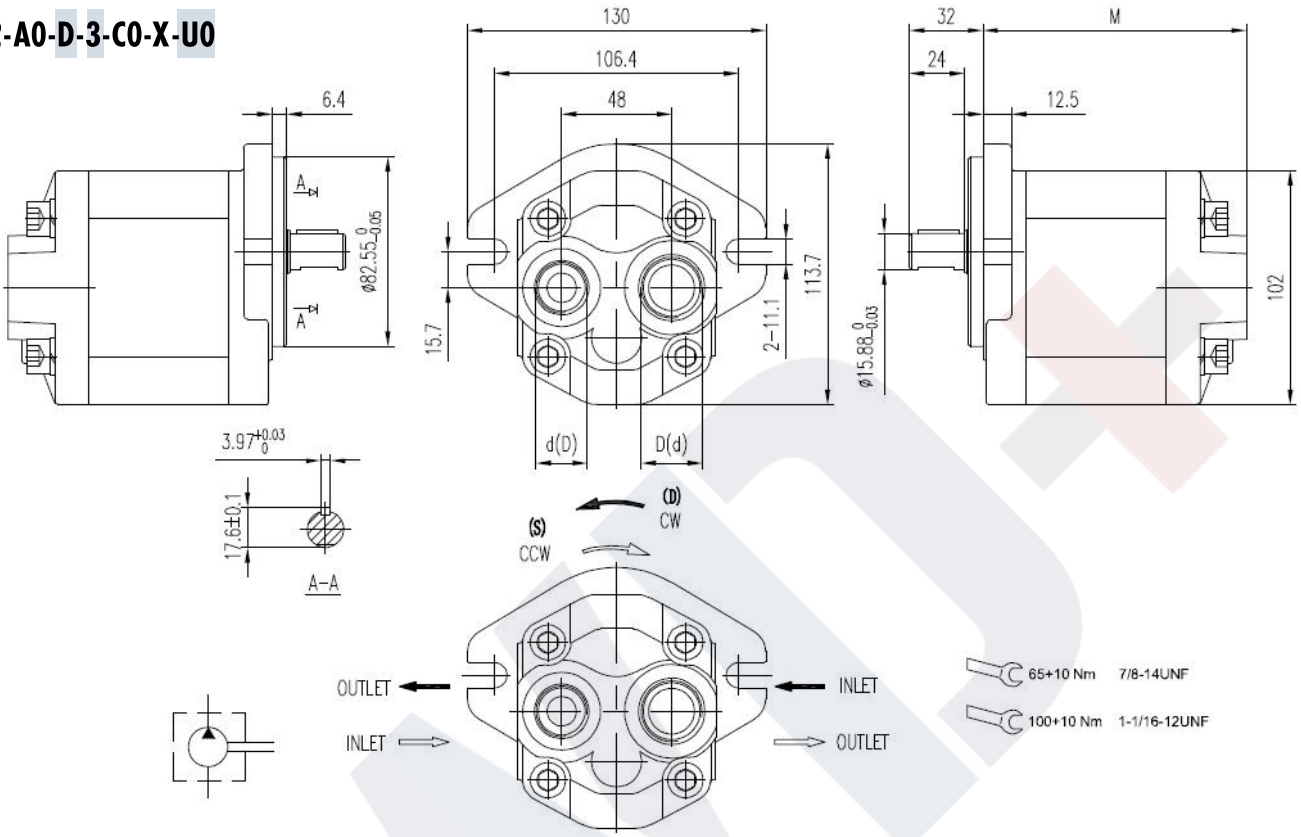
BHP2-Q2-D-3-G1-F0



Displace-ment	Max. pressure			Max. speed	Min. speed	Weight	Dimensions		Oil port code	INLET
	P1	P2	P3				M	L		D
(cm^3/rev)	bar	bar	bar	(r/min)	(r/min)	Kg	mm	mm		mm
3	270	285	300	4000	800	3.35	88.6	37.4	F0	15
4	270	285	300	4000	600	3.4	90.2	37.4	F0	15
6	270	285	300	4000	600	3.5	93.5	38.6	F0	15
8	270	285	300	3500	500	3.6	96.8	40.7	F0	15
10	270	285	300	3500	500	3.7	100.1	41.2	F1	20
12	270	285	300	3500	500	3.8	103.4	45	F1	20
14	250	265	280	3500	500	3.9	106.8	45	F1	20
16	250	265	280	3500	500	4.0	110.2	45	F1	20
18	250	265	280	3200	400	4.1	113.5	45	F1	20
20	220	235	250	3200	400	4.2	116.8	45	F1	20
22	220	235	250	3000	400	4.3	120.1	52.6	F1	20
25	200	215	230	3000	400	4.45	125.1	59.3	F1	20
28	180	190	200	2500	400	4.6	130.1	61.8	F1	20
30	160	170	180	2500	400	4.7	133.4	63.5	F1	20

Standard Product Dimensions

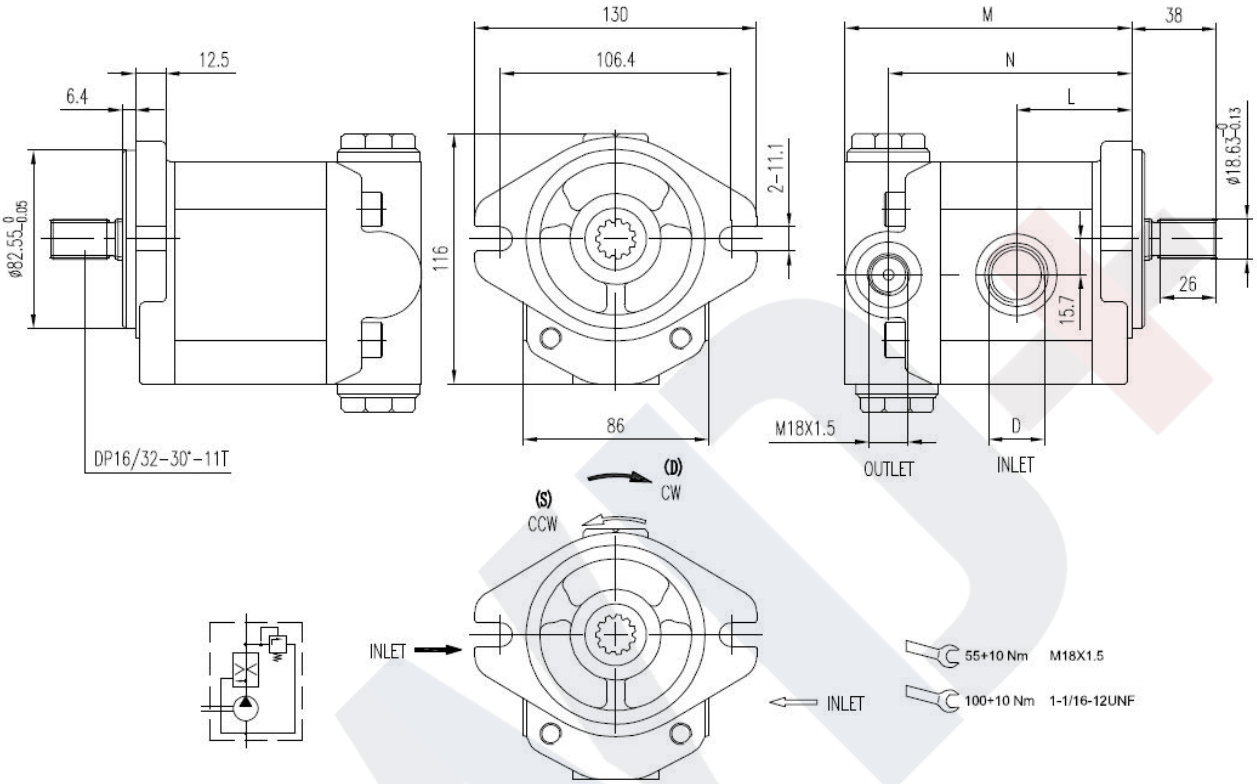
BHP2-A0-D-3-C0-X-U0



Displace-ment	Max. pressure			Max. speed	Min. speed	Weight	Dimensions	Oil port code	INLET	OUTLET
	P1	P2	P2				M		D	d
(cm^3/rev)	bar	bar	bar	(r/min)	(r/min)	Kg	mm			
3	270	285	300	4000	800	3.4	103.1	U0	1 1/16-12UNF	7/8-14UNF
4	270	285	300	4000	600	3.45	104.7	U0	1 1/16-12UNF	7/8-14UNF
6	270	285	300	4000	600	3.55	108	U0	1 1/16-12UNF	7/8-14UNF
8	270	285	300	3500	500	3.65	111.3	U0	1 1/16-12UNF	7/8-14UNF
10	270	285	300	3500	500	3.75	114.6	U0	1 1/16-12UNF	7/8-14UNF
12	270	285	300	3500	500	3.85	117.9	U0	1 1/16-12UNF	7/8-14UNF
14	250	265	280	3500	500	3.95	121.3	U0	1 1/16-12UNF	7/8-14UNF
16	250	265	280	3500	500	4.05	124.7	U0	1 1/16-12UNF	7/8-14UNF
18	250	265	280	3200	400	4.15	128	U0	1 1/16-12UNF	7/8-14UNF
20	220	235	250	3200	400	4.25	131.3	U0	1 1/16-12UNF	7/8-14UNF
22	220	235	250	3000	400	4.35	134.6	U0	1 1/16-12UNF	7/8-14UNF
25	200	215	230	3000	400	4.50	139.6	U0	1 1/16-12UNF	7/8-14UNF
28	180	190	200	2500	400	4.65	144.6	U0	1 1/16-12UNF	7/8-14UNF
30	160	170	180	2500	400	4.75	147.9	U0	1 1/16-12UNF	7/8-14UNF

Standard Product Dimensions

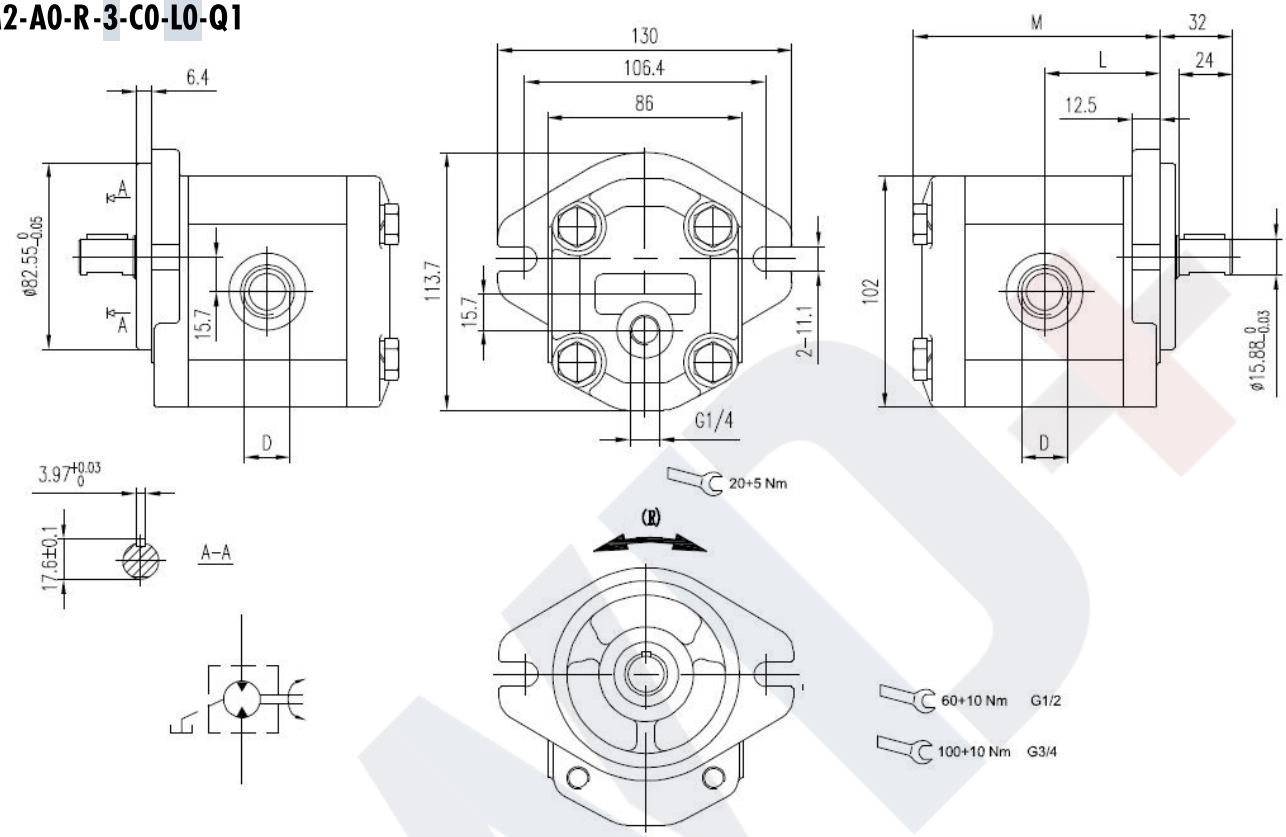
BHP2-A0-D-3-S1-UJ4-HFAC19T-P150-F04



Displace-ment	Control pressure	Control flow	Max. speed	Min. speed	Weight	Dimensions			Oil port code	INLET
	P1	Q_{const}				M	L	N		D
(cm^3/rev)	bar	L/min	(r/min)	(r/min)	Kg	mm	mm	mm		
3	100...180	2...30	4000	800	4.1	113.1	43.6	93.6	UJ4	1 1/16-12UNF
4			4000	600	4.15	114.7	44.4	95.2	UJ4	1 1/16-12UNF
6			4000	600	4.25	1108	46	98.5	UJ4	1 1/16-12UNF
8			3500	500	4.35	121.3	47.7	101.8	UJ4	1 1/16-12UNF
10			3500	500	4.45	124.6	49.3	105.1	UJ4	1 1/16-12UNF
12			3500	500	4.55	127.9	51	108.4	UJ4	1 1/16-12UNF
14			3500	500	4.65	131.3	52.7	111.8	UJ4	1 1/16-12UNF
16			3500	500	4.75	134.7	54.4	115.2	UJ4	1 1/16-12UNF
18			3200	400	4.35	138	56	118.5	UJ4	1 1/16-12UNF
20			3200	400	4.45	141.3	57.7	121.8	UJ4	1 1/16-12UNF
22			3000	400	4.55	144.6	59.3	125.1	UJ4	1 1/16-12UNF
25			3000	400	4.70	149.6	61.8	130.1	UJ4	1 1/16-12UNF
28			2500	400	4.85	154.6	64.3	135.1	UJ4	1 1/16-12UNF
30			2500	400	5.05	157.9	66	138.4	UJ5	1 1/16-12UNF

Standard Product Dimensions

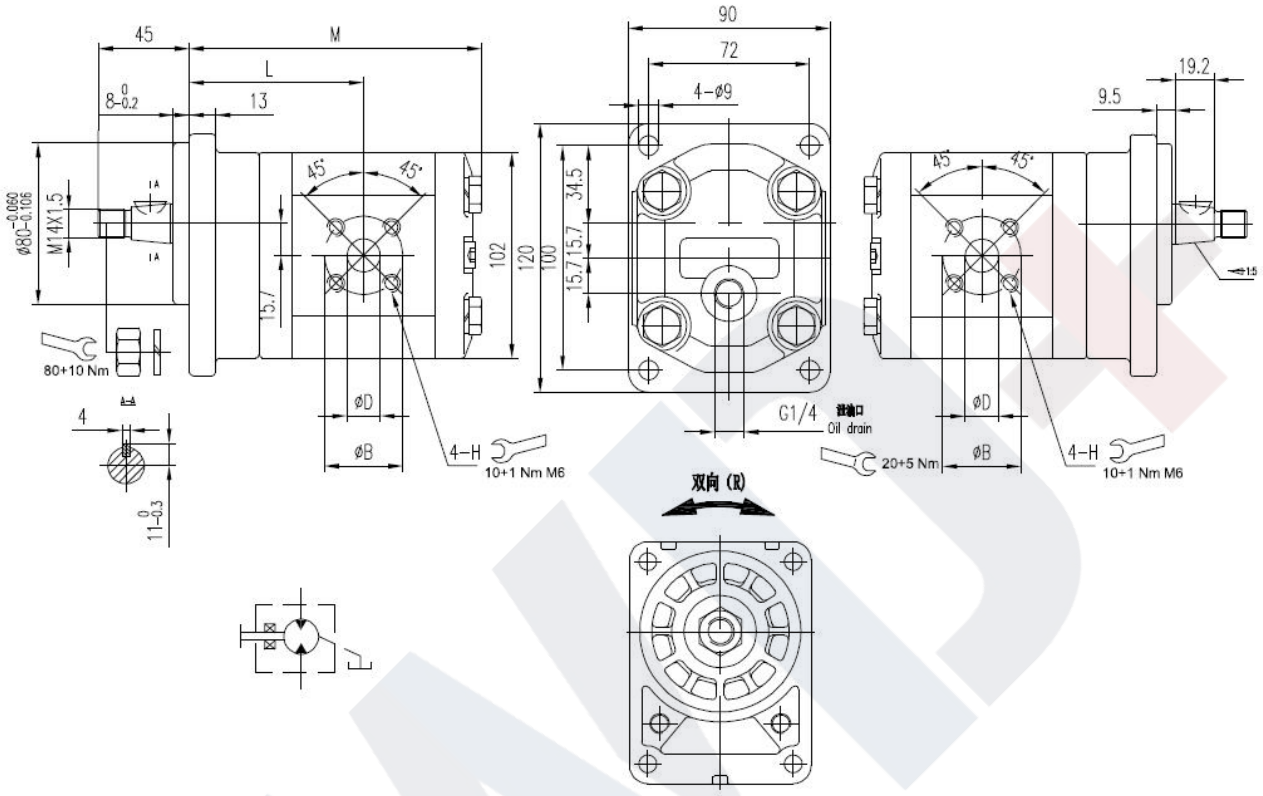
BHM2-A0-R-3-C0-L0-Q1



Displace-ment	Max. pressure			Max. speed	Min. speed	Weight	Dimensions		Oil port code	LET
	P1	P2	P3				M	L		D
(cm^3/rev)	bar	bar	bar	(r/min)	(r/min)	Kg	mm	mm		
3	270	285	300	4000	800	3.35	91.1	43.6	L0	G1/2
4	270	285	300	4000	600	3.4	92.7	44.4	L0	G1/2
6	270	285	300	4000	600	3.5	96	46	L0	G1/2
8	270	285	300	3500	500	3.6	99.3	47.7	L1	G3/4
10	270	285	300	3500	500	3.7	102.6	49.3	L1	G3/4
12	270	285	300	3500	500	3.8	105.9	51	L1	G3/4
14	250	265	280	3500	500	3.9	109.3	52.7	L1	G3/4
16	250	265	280	3500	500	4.0	112.7	54.4	L1	G3/4
18	250	265	280	3200	400	4.1	116	56	L1	G3/4
20	220	235	250	3200	400	4.2	119.3	57.7	L1	G3/4
22	220	235	250	3000	400	4.3	122.6	59.3	L1	G3/4
25	200	215	230	3000	400	4.45	127.6	61.8	L1	G3/4
28	180	190	200	2500	400	4.6	132.6	64.3	L1	G3/4
30	160	170	180	2500	400	4.7	135.9	66	L1	G3/4

Standard Product Dimensions

BAM2-B3-R-3-T2-F13-Q1-ZC



Displace-ment	Max.pressure			Max. speed	Min. speed	Weight	Dimensions		Oil port code	LET		
	P1	P2	P3				M	L		B	D	H
(cm^3/rev)	bar	bar	bar	(r/min)	(r/min)	Kg	mm	mm				
3	270	285	300	4000	800	3.35	123.1	75.6	F13	40	20	M6
4	270	285	300	4000	600	3.4	124.7	76.4	F13	40	20	M6
6	270	285	300	4000	600	3.5	128.0	78	F13	40	20	M6
8	270	285	300	3500	500	3.6	131.3	79.7	F13	40	20	M6
10	270	285	300	3500	500	3.7	134.6	81.3	F13	40	20	M6
12	270	285	300	3500	500	3.8	137.9	83	F13	40	20	M6
14	250	265	280	3500	500	3.9	141.3	84.7	F13	40	20	M6
16	250	265	280	3500	500	4.0	144.7	86.4	F13	40	20	M6
18	250	265	280	3200	400	4.1	148	88	F13	40	20	M6
20	220	235	250	3200	400	4.2	151.3	89.7	F13	40	20	M6
22	220	235	250	3000	400	4.3	154.6	91.3	F13	40	20	M6
25	200	215	230	3000	400	4.45	159.6	93.8	F13	40	20	M6
28	180	190	200	2500	400	4.6	164.6	96.3	F13	40	20	M6
30	160	170	180	2500	400	4.7	167.9	98	F13	40	20	M6