3.3

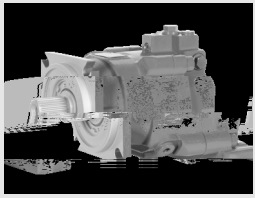
M70F(E)

M70F(E)

!

k

	45	63	65	75	85	100	130
(`_p)	280	400	280	400	400	400	400
(`_p)	350	450	350	450	450	450	450



	02	°
	03	
	03	
	04	°
´M70FE 45	06	°
´M70F 63	08	
´M70FE 65	10	°
´M70F 75	12	
´M70F 85	14	
´M70F 100	16	
´M70F 130	18	

M70F(E)		45	63	65	75	85	100	130
o_{k_v}	ak^3	45	63	65	75	85	100	130
N	kgl^{-1}	4000	5000	3400	4500	4500	3550	3400
N_{lmk} *1	`_p	280	400	280	400	400	400	400
N_{k_v} *2	`_p	350	450	350	450	450	450	450
	N´k	200	401	289	478	542	636	830
	Ku	84	210	103	225	255	236	295
O	L/kgl	180	315	221	337	382	355	442
	$ie.k^2$	0.0033	0.0072	0.0072	0.0072	0.011	0.015	0.025
	L	0.7	1	0.7	1	0.5	0.5	1.2
	Ke	19.4	26	29.9	26.5	28.6	32.8	49.4
	'	-20 | +115 -20 | +90						

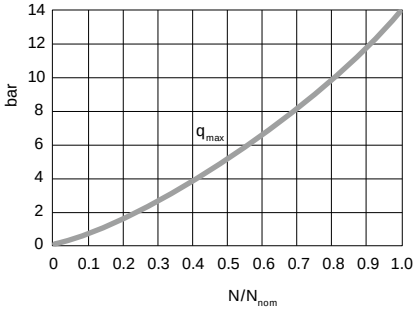
*1 !

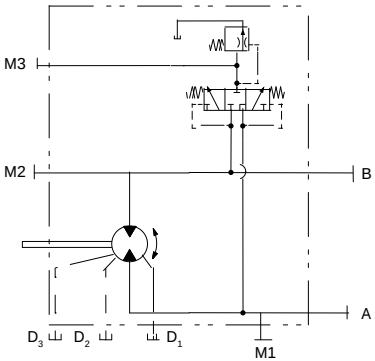
*2

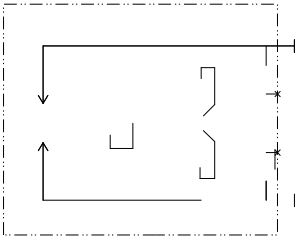
k

k

k


14
12
10
8
6
4
2
0
bar
q_{max}
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1.0
N/N_{nom}


M3
M2
B
A
D_3
D_2
D_1
M1



			45	63	65	75	85	100	130	
	ANQI B92.1	1 1/2 g l 17R 12/24DN					°			1
	ANQI B92.1	1 3/4 g l 13R 8/16DN					°			2
	ANQI B92.1	2 g l 15R 8/16DN					°			3
	ANQI B92.1	1 3/8 g l 21R 16/32DN				⌐	⌐	°		4
	ANQI B92.1	1 1/4 g l 14R 12/24DN					°			5
⅄	DIN 5480	U35 Ô 2 Ô 16 Ô 9e		⌐			°			6
	DIN 5480	U40 Ô 2 Ô 18 Ô 9e					°			7
	DIN 5480	U45 Ô 2 Ô 21 Ô 9e					°			8
	DIN 5480	U50 Ô 2 Ô 24 Ô 9e					°			9
	ANQI B92.1	23R 16/32DN				⌐	⌐	⌐		A
	QAE J498B	27R 16/32DN						°	⌐	B
	125 1000		⌐		⌐					D

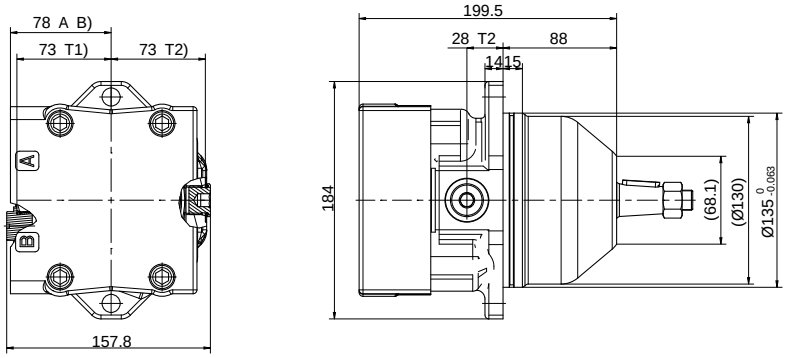
	M70F)		63		75	85	100	130	
	QAE J744 127-4		⌐		⌐	⌐	⌐		L2
Ш	QAE J744 152-4							⌐	L3
	(M70FE)	45		65					
	QAE2-	⌐		⌐					L1

/

									N
Ш		M70F75 M70F85 M70F100 M70F130	(L/ k g l)			(L/ k g l)		16 ` _p ¦N=25 ` _p	
			3.5	A		20	G		
			5	B		25	H		
			8	C		30	I		
			10	D		35	J		
			14	E		40	K		
			17	F					

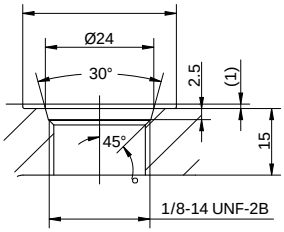
⌐ = ° =

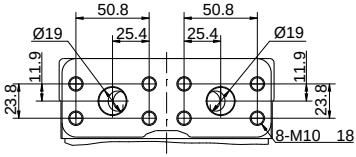
M70FE 45


78 A B)
73 T1)
73 T2)
A
B
157.8
199.5
28 T2
88
14
15
184
(68.1)
(Ø130)
Ø135 0 -0.063

		A	B

· M70FE 45

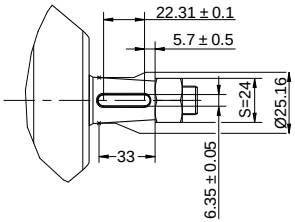


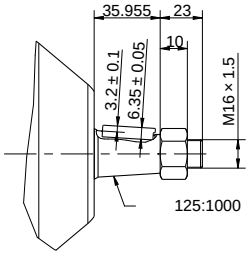


R1, R2

A ¦ B		QAE J518 3/4" M10
RI ¦ R2		IQO 11926 7/8-14 SNF-2B

· M70FE 45





" D "

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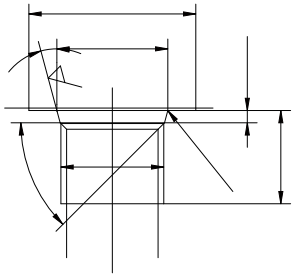

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1

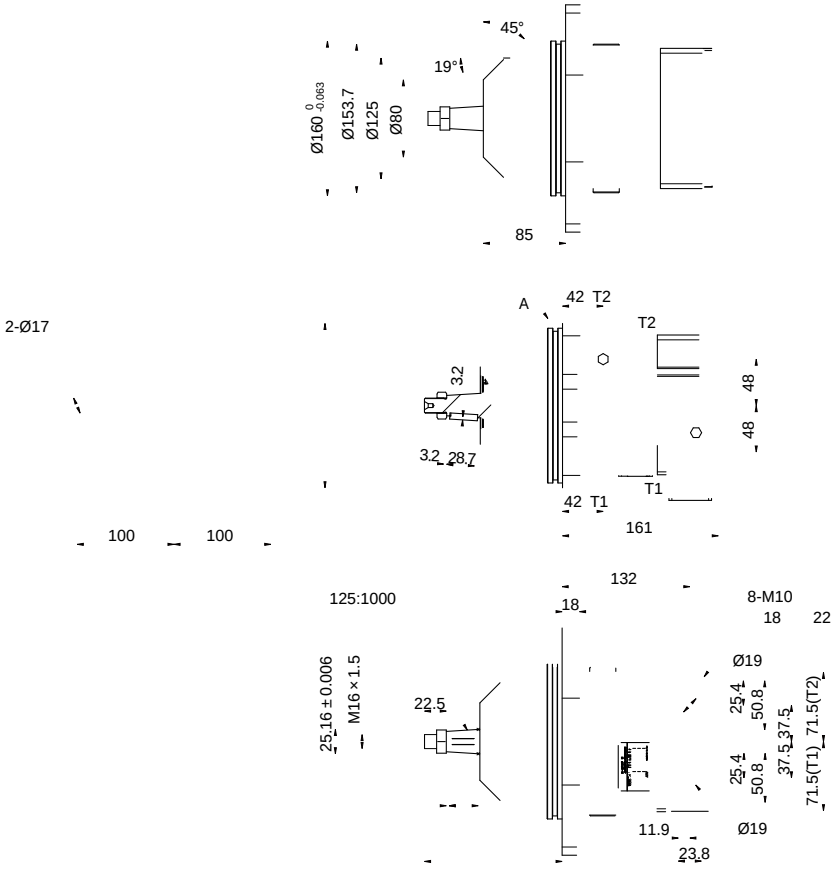
		I	II	III	IV	V	(N.m)
_,`		24	15.6	G1/4	2.5	15	36
D1/D2/D3		34	22.6	G1/2	2.5	13/13/19	98

M 4

		I	II	III	IV	V	VI	(N.m)
25		15.6	M14Ô1.5	2.4	15.5	15	47	59
40		29.2	M27Ô2	3.1	13	15	180	170

ANSI 2 3

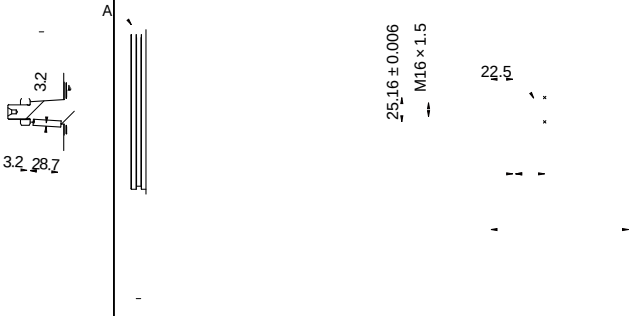
M70FE 65


45°
19°
Ø160 0 -0.063
Ø153.7
Ø125
Ø80
85
2-Ø17
A
42
T2
T2
3.2
3.2
28.7
48
48
42
T1
T1
161
100
100
132
125:1000
18
8-M10
18
22
Ø19
25.16 ±0.006
M16 x 1.5
22.5
25.4
50.8
37.5
71.5(T2)
25.4
50.8
37.5
71.5(T1)
11.9
Ø19
23.8

		A	B

· M70FE 65

· M70FE 65



M70F 75

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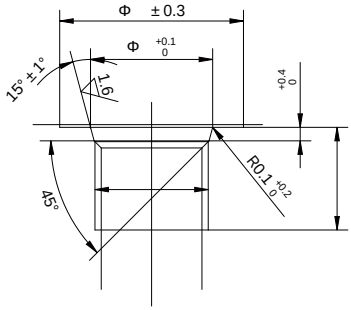

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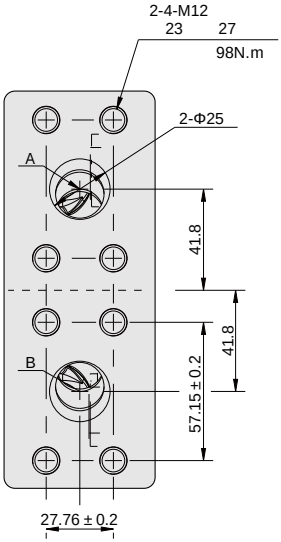
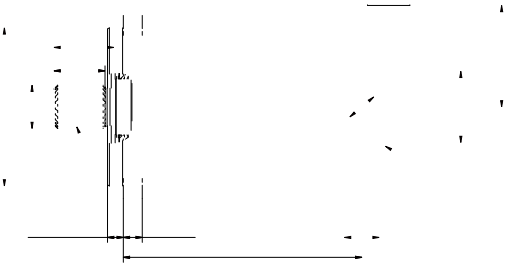
ANSI 2 3

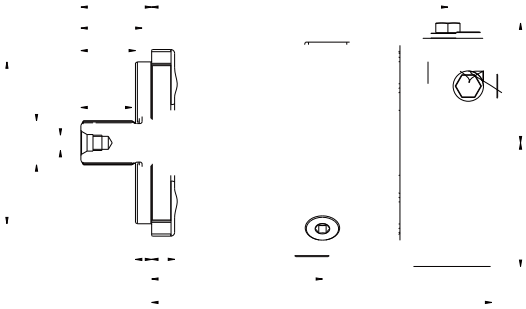
		I	II	III	IV	V	N·m
M1/M2/M3		24	15.6	G1/4	2.5	15	36
D1/D2/D3		34	22.6	G1/2	2.5	13/13/19	98

▪





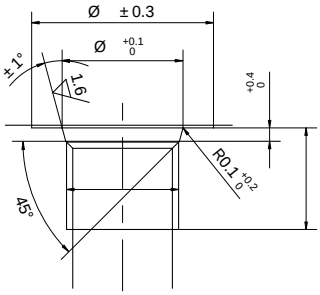
M70F 100



A	B	
B	A	

k

▪



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ANSI 2 3

		I	II	III	IV	V	VI	(N.m)
M1/M2/M3		25	15.6	9/16-18SNF-2B	2.5	15.5	12	59
D1/D2/D3		41	29.2	1-1/16-12SN-2B	3.3	13	15	170

M 4

		I	II	III	IV	V	VI	(N.m)
25		15.6	M14Ô1.5	2.4	15.5	15	47	59
40		29.2	M27Ô2	3.1	13	15	180	170

1

		I	II	III	IV	V	VI	(N.m)
25	25	15.6	G 1/4	2.5	15.5	15	36	59
34	34	29.2	G 1/2	2.5	13	15	98	170

03

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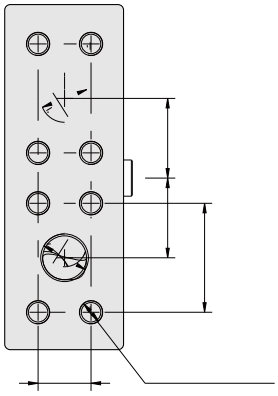
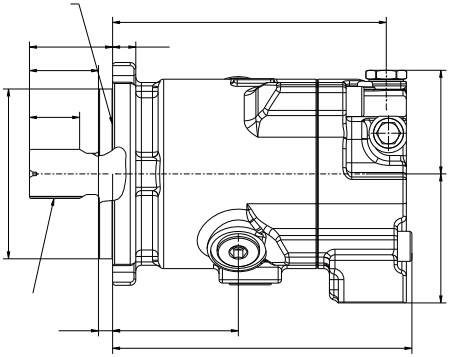
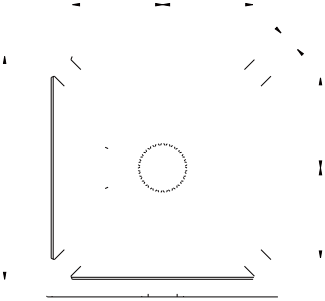


M70F 130

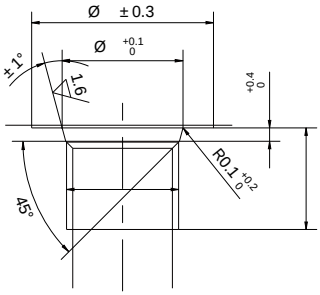




A	B	
B	A	

k

▪



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ANSI 2 3

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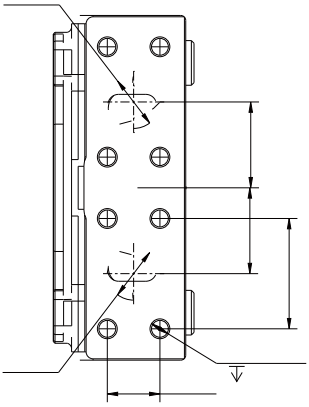

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+49 (30) 72088-0 | +81 03 6809 1696