DICSA
Growing up together

BOMBAS CAUDAL VARIABLE TIPO DR/DFR

-Eje estriado y tapa ISO C (código 0101)
-Eje cilíndrico y tapa ISO A (código 0202)
-Eje estriado y tapa ISO A (código 0102)

Dependiendo del cubicaje, la tapa y el eje cambian de dimensiones
DR control de presión
DFR control de presión y caudal

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REFERENCIAS

Tipo DFR

BPCV28DFR0101
BPCV45DFR0101
BPCV71DFR0101

Tipo DR

BPCV28DFR0101
BPCV45DFR0101
BPCV71DFR0101

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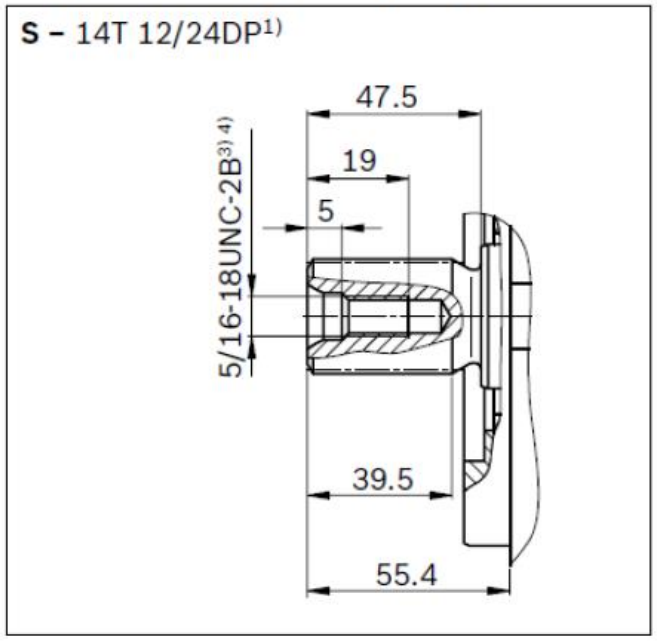
VERSIÓN 0101 EJES (DFR/DR)

BPCV71DFR0101

▼ **Splined shaft 1 1/4 in (SAE J744)**

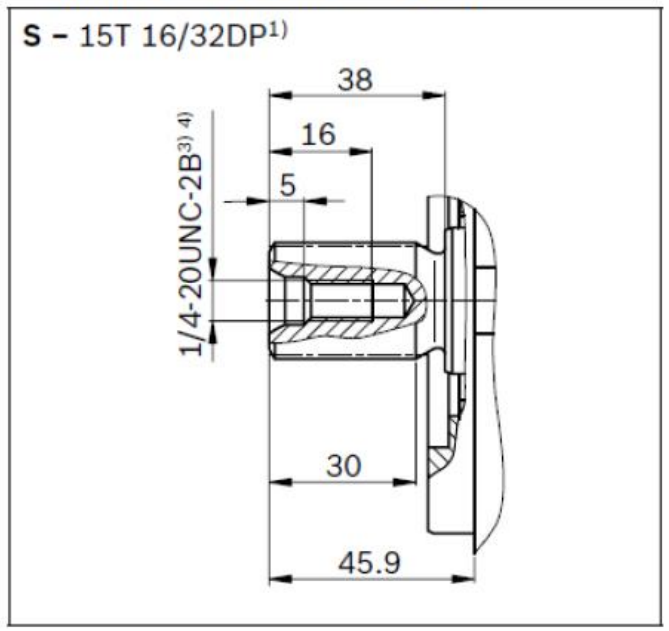
S – 14T 12/24DP[1)]



BPCV45DFR0101

▼ **Splined shaft 1 in (SAE J744)**

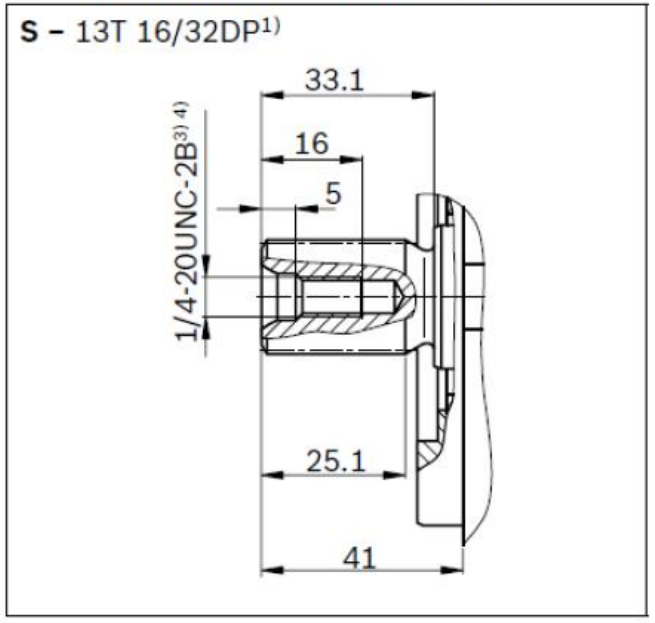
S – 15T 16/32DP[1)]



BPCV28DFR0101

▼ **Splined shaft 7/8 in (SAE J744)**

S – 13T 16/32DP[1)]



DICSA

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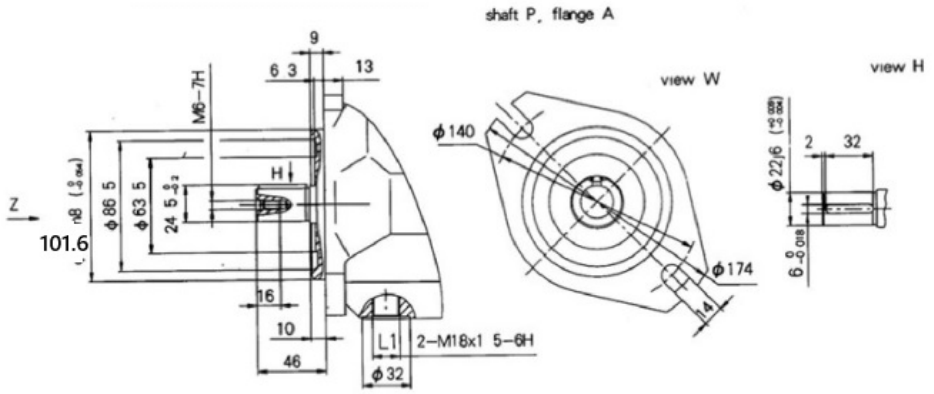
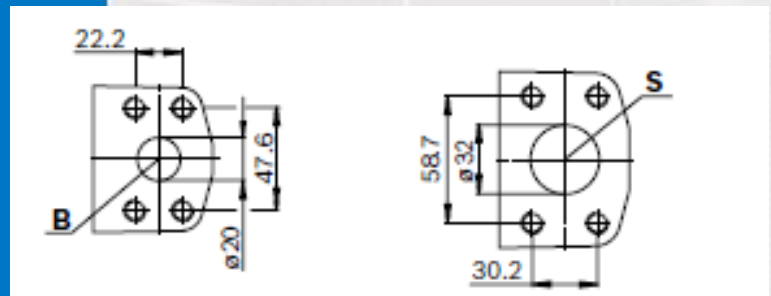
VERSIÓN 0101 TAPAS (DFR/DR)

CAUDAL 28 CC



Mounting Dimension,sizes28

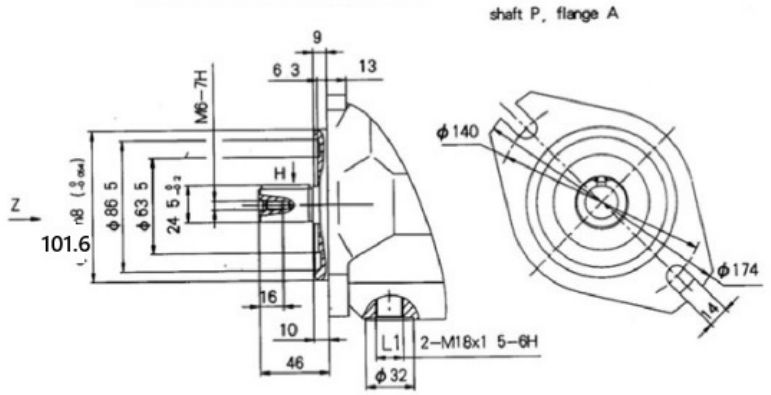
BRIDAS



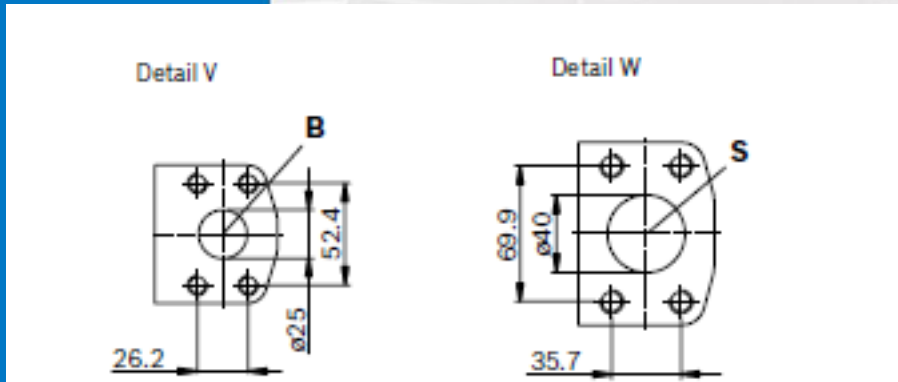
DICSA

Growing up together

CAUDAL 45 CC



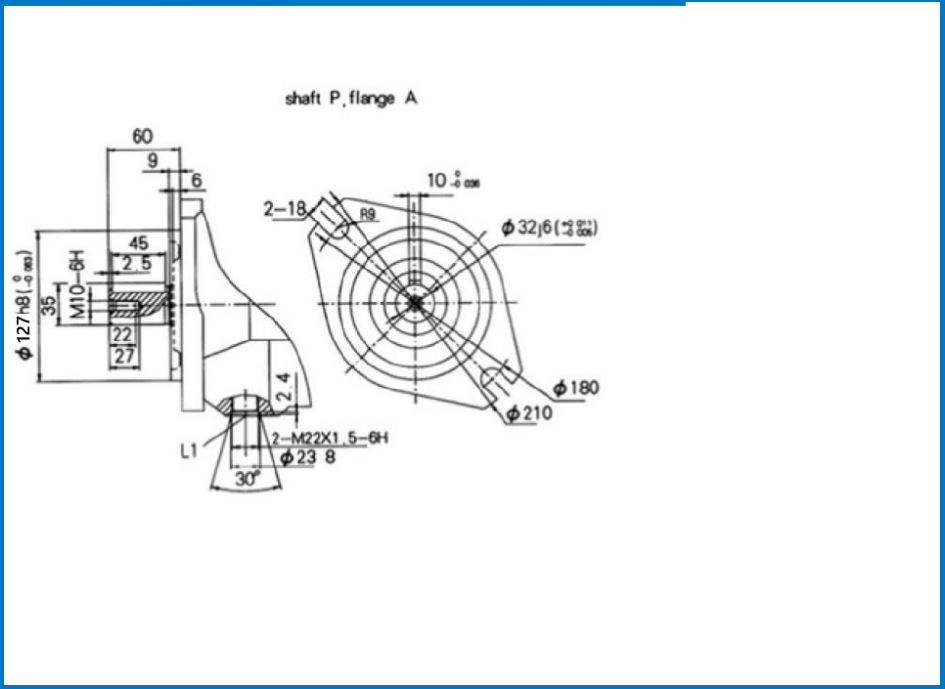
BRIDAS



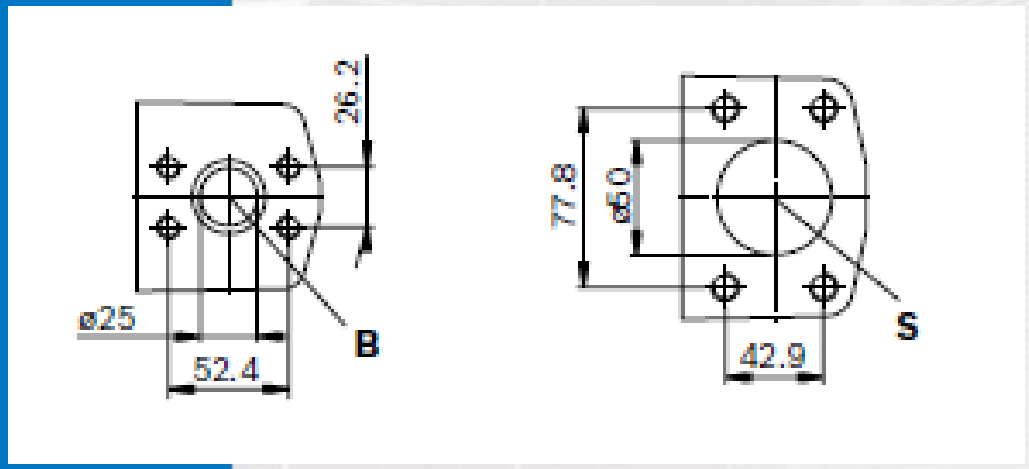
DICSA

Growing up together

CAUDAL 71 CC



BRIDAS



DICSA
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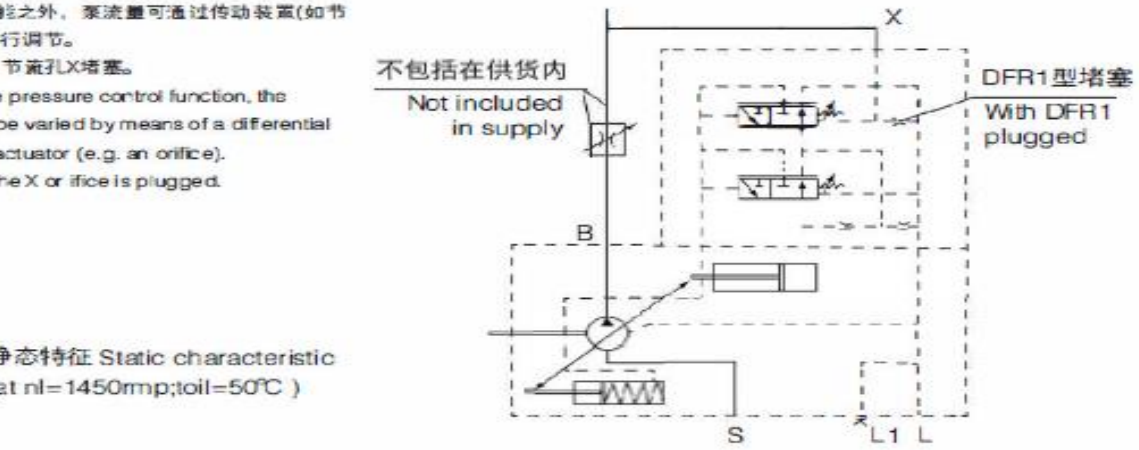
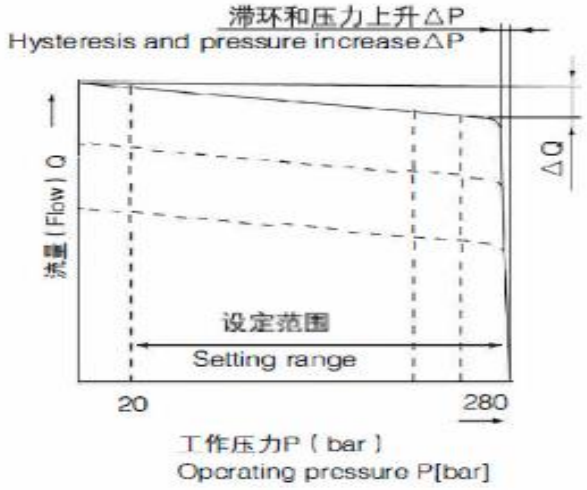
TIPO DFR

DFR/DFR1压力/流量控制Pressure /flow control

除了压力控制功能之外，泵流量可通过传动装置(如节流孔)的压力差进行调节。
在型号DFR1中，节流孔X堵塞。
In addition to the pressure control function, the pump flow may be varied by means of a differential pressure at the actuator (e.g. an orifice).
In model DFR1 the X orifice is plugged.



静态特征 Static characteristic
(at nl=1450rmp;toil=50℃)



油口Ports

B	压力油口 Pressure port
S	吸油口 Suction port
L,L1	壳体泄油口（L1密封） Case drain ports(L1 sealed)
X	先导压力口 Pilot pressure port

DICSA

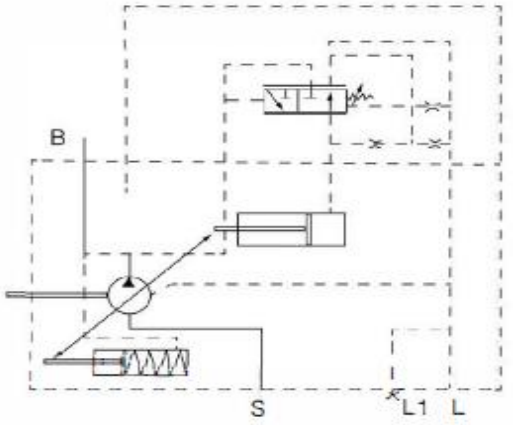
Growing up together

TIPO DR

DR压力控制Pressure control

压力控制使在液压系统中维持一个恒定压力，该压力在泵的控制范围之内，泵因此只提供传动装置需要的液压油，先导阀的压力可无级调节。

The pressure control serves to maintain a constant pressure in the hydraulic system, within the control range of the pump. The pump therefore supplies only the amount of hydraulic fluid required by the actuators. Pressure may be smoothly set at the pilot valve.



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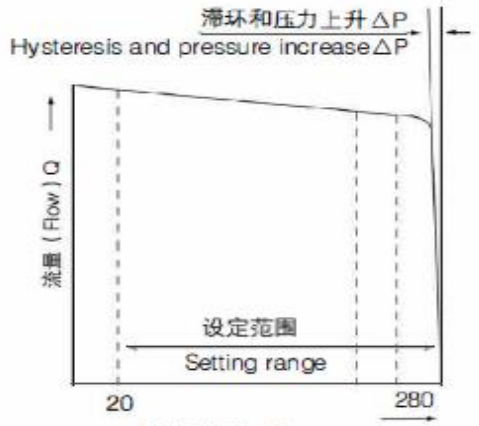
(at n=1450rmp;toil=50℃)



油口 Ports

B	压力油口 Pressure port
S	吸油口 Suction port
L,L1	壳体泄油口（L1密封） Case drain ports(L1 sealed)

控制数据 Control data

滞环和重复精确度Δp.....最大3bar

Hysteresis and repetitive accuracy Δp.....max.3 bar

最大压力上升 Max. pressure increase

规格Size		28	45	71	100
Δp	Bar	4	6	8	10

先导油耗.....最大约3L/min

Pilot oil consumption.....max. approx. 3 L/min

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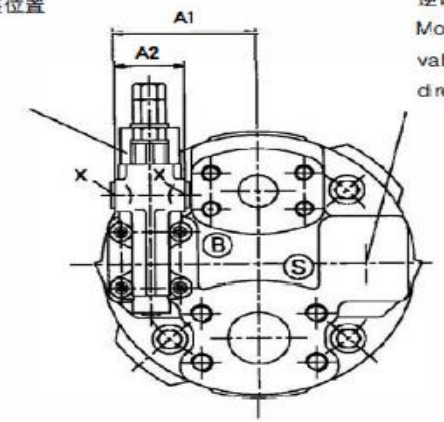
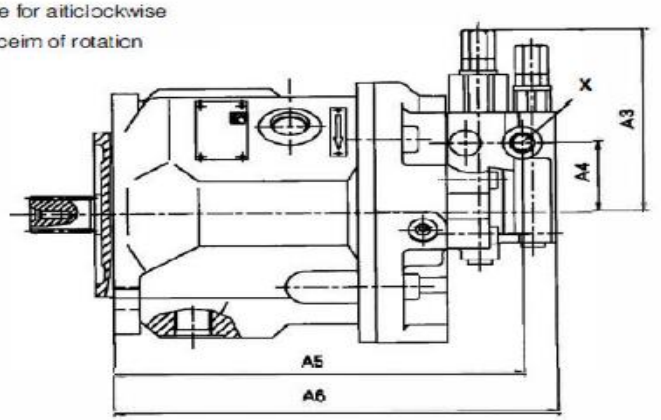
DIMENSIONES TIPO DFR

顺时针旋转时阀的安装位置
Mounting of pilot valve for clockwise direction of rotation

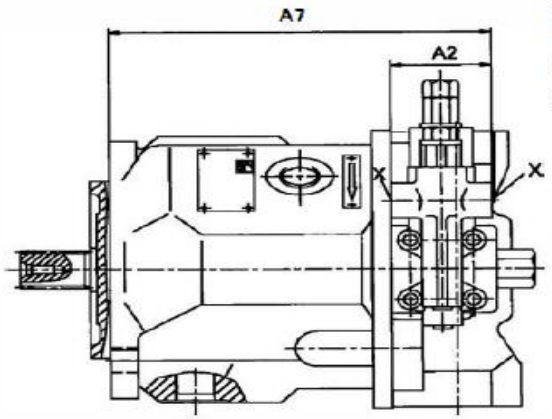


逆时针旋转时阀的安装位置
Mounting of pilot valve for aitiClockwise direceim of rotaticn

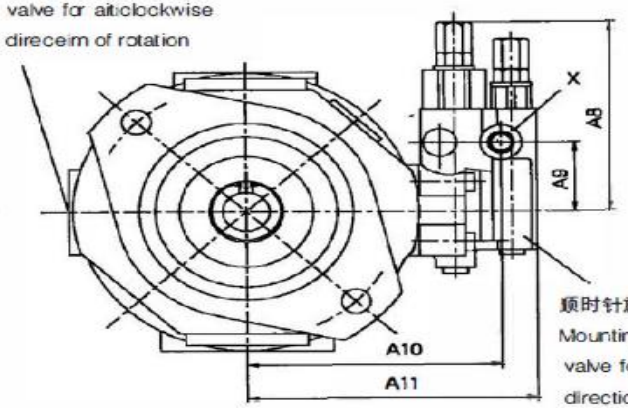


DFR/DFR1/DRG元件尺寸 Unit dimensions DFR/DFR1/DRG
工作油口在两侧，型号62N00和12N00;Service ports on sides;Models 62N00 and 12N00

规格28到100Sizes 28 to 100



逆时针旋转时阀的安装位置
Mounting of pilot valve for aitiClockwise direceim of rotation



顺时针旋转时阀的安装位置
Mounting of pilot valve for clockwise direction of rotaticn

规格Size	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	X
28	73	36	108.5	43	209.2	226.2	176	108.5	40	119	136	7/16-20UNF-2B
45	82	36	108.5	40	229	245	191	108.5	40	129	146	7/16-20UNF-2B
71	91	36	106	42	262	279	218.8	108.5	40	143	160	7/16-20UNF-2B
100	96.3	36	108.5	40	327	344	287	108.5	40	141	158	7/16-20UNF-2B
140												

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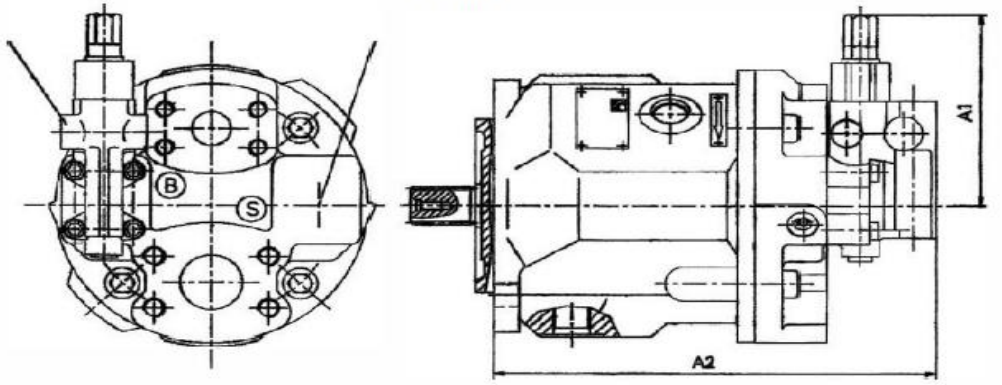
DIMENSIONES TIPO DR

规格28到100Sizes 28 to 100

顺时针旋转时阀的安装位置
Mounting of pilot
valve for clockwise
direction of rotation

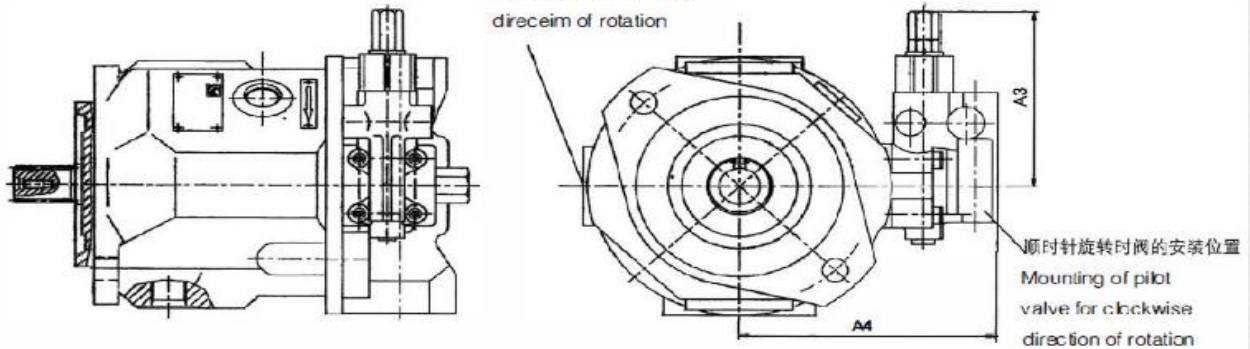
逆时针旋转时阀的安装位置
Mounting of pilot
valve for anticlockwise
direceim of rotation



DR元件尺寸 Unit dimensions DR
工作油口在两侧，型号62N00和12N00;Service ports on sides;Models 62N00 and 12N00

规格28到100Sizes 28 to 100

逆时针旋转时阀的安装位置
Varlting of pilot
valve for aiticlockwise
direceim of rotation



顺时针旋转时阀的安装位置
Mounting of pilot
valve for clockwise
direction of rotation

规格 Size	A1	A2	A3	A4
28	108.5	226.2	108.5	136
45	108.5	245	108.5	146
71	106	279	108.5	160
100	108.5	344	108.5	158
140				

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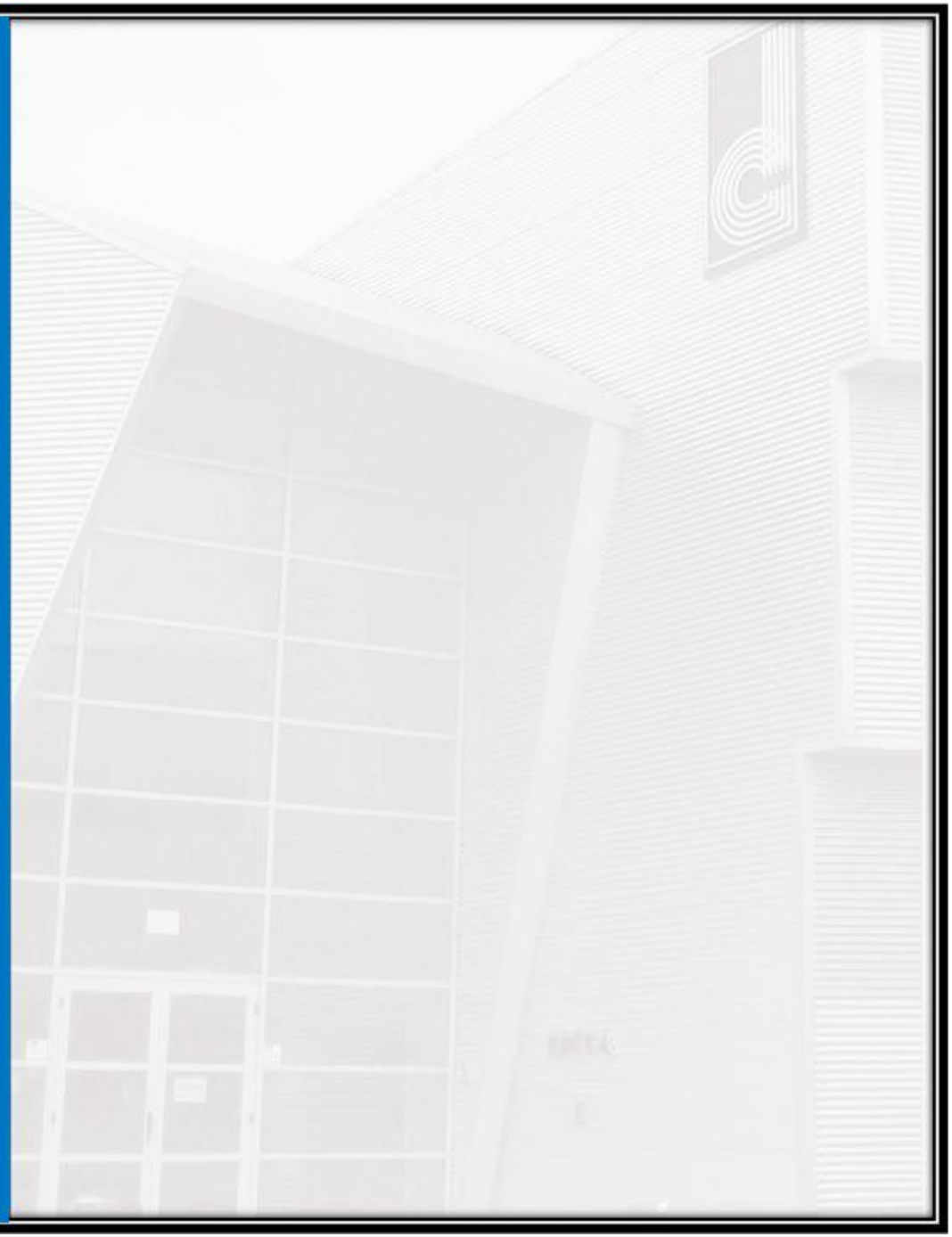
REFERENCIAS

Tipo DFR

BPCV28DFR0202
BPCV45DFR0202
BPCV71DFR0202

Tipo DR

BPCV28DR0202
BPCV45DR0202
BPCV71DR0202



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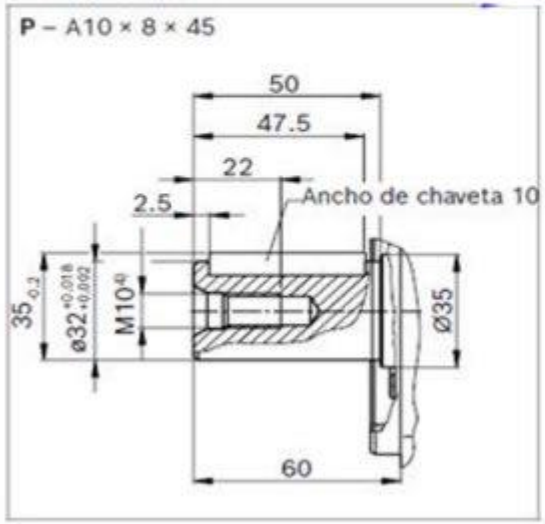
VERSIÓN 0202 EJES (DFR/DR)

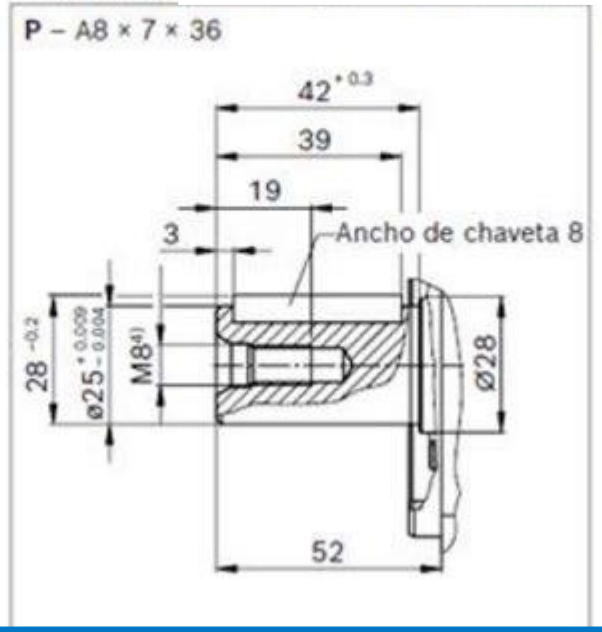
BPCV71DFR0202

▼ **Eje cilíndrico con chaveta (DIN 6885)**



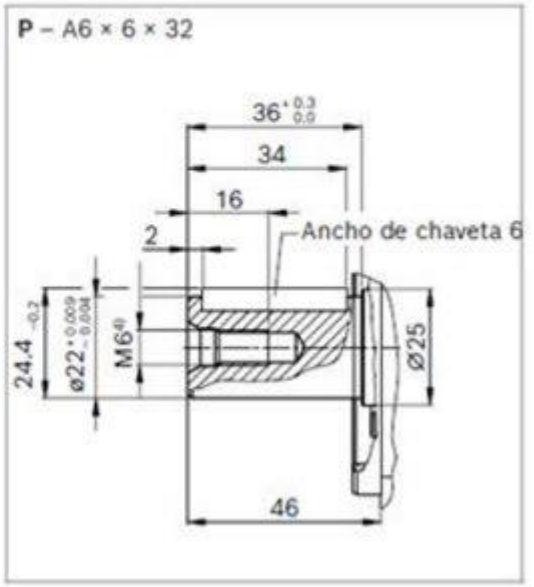
BPCV45DFR0202

▼ **Eje cilíndrico con chaveta (DIN 6885)**



BPCV28DFR0202

▼ **Eje cilíndrico con chaveta (DIN 6885)**



DICSA

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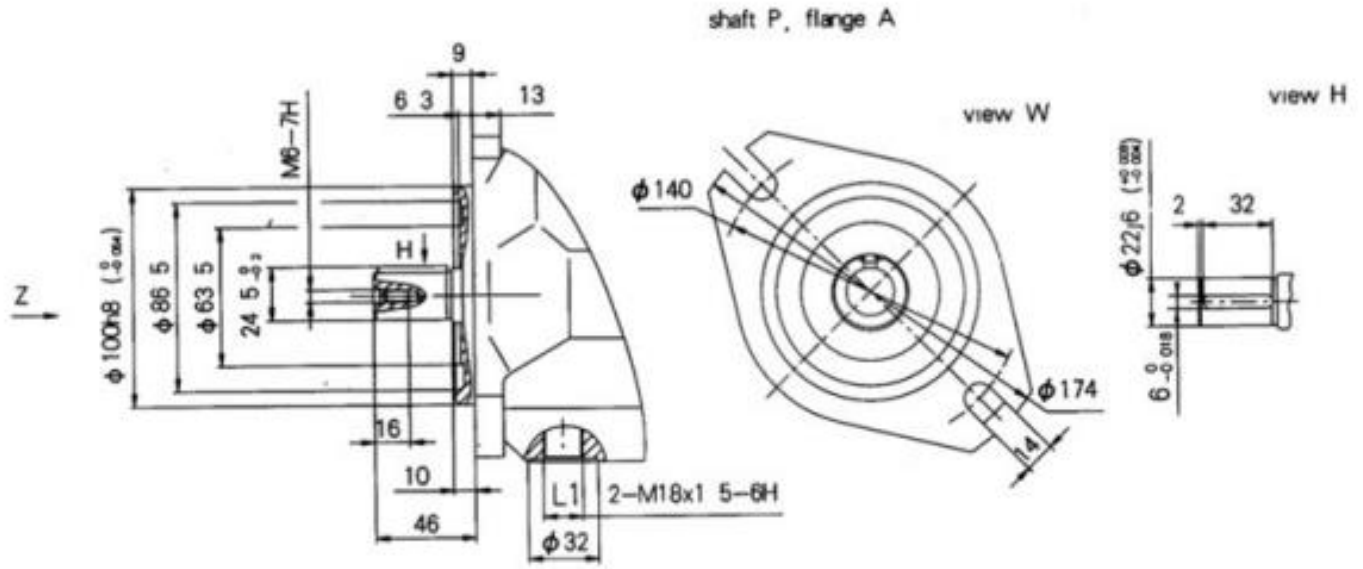
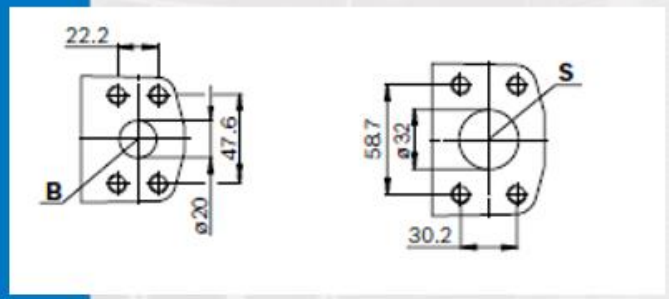
VERSION 0202 TAPAS (DFR/DR)

CAUDAL 28 CC



Mounting Dimension,sizes28

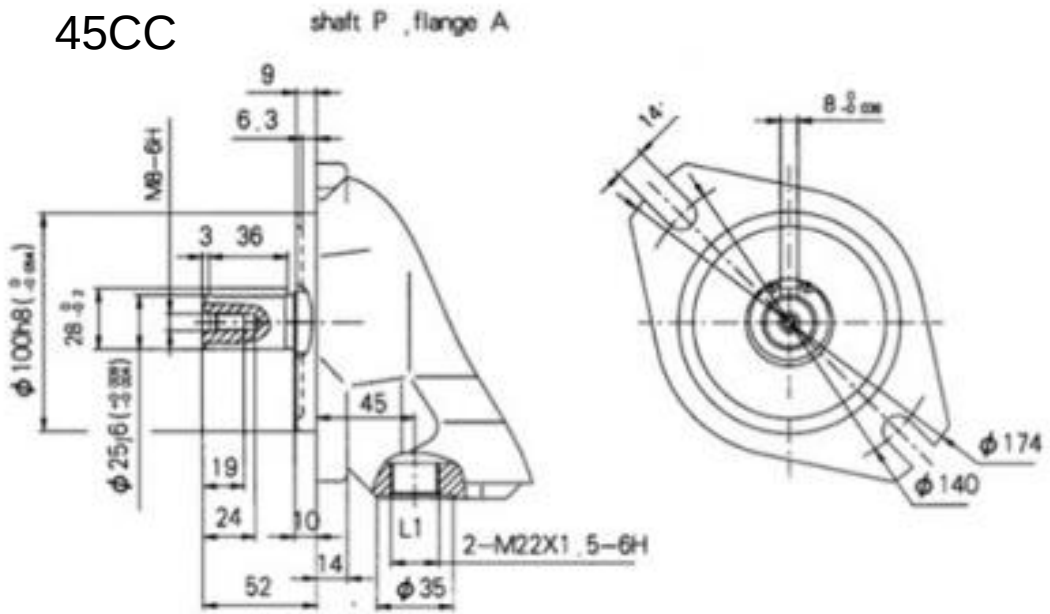
BRIDAS



DICSA

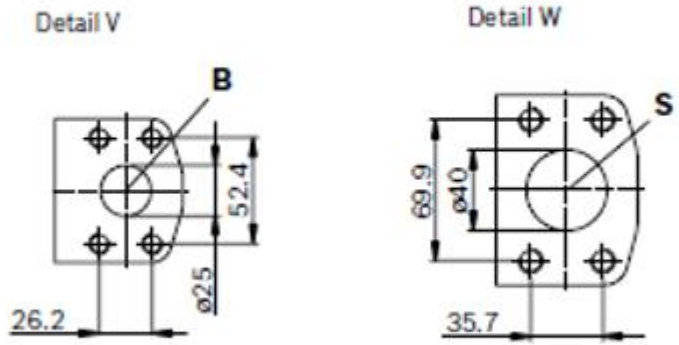
Growing up together

45CC



Mounting Dimension, sizes45

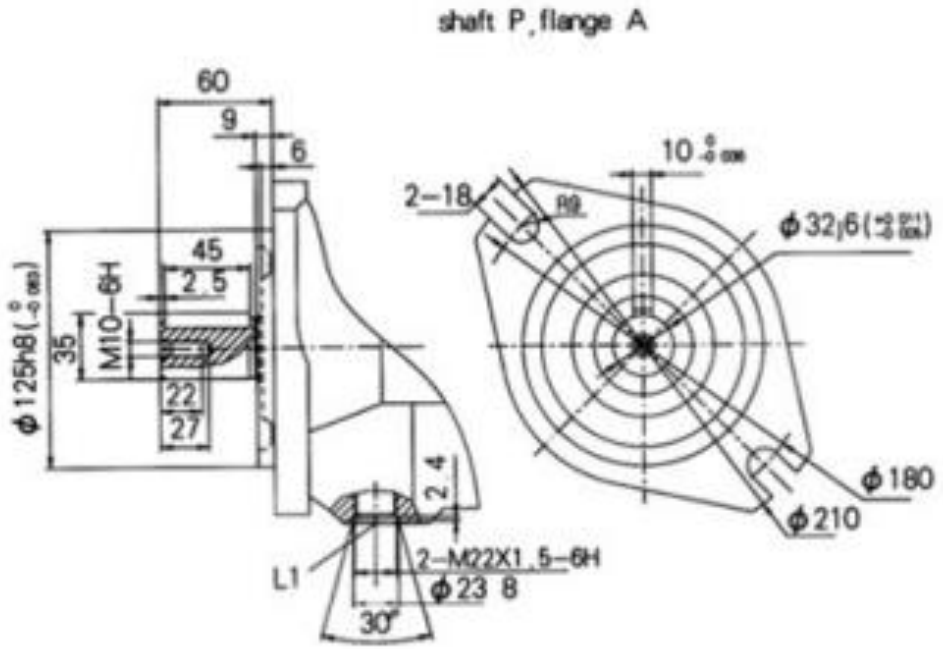
BRIDAS



DICSA

Growing up together

71CC



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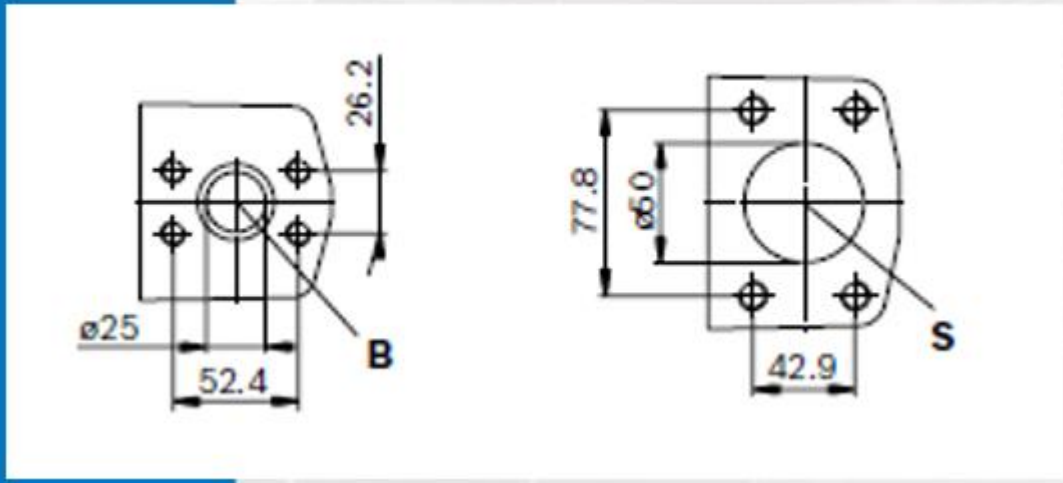

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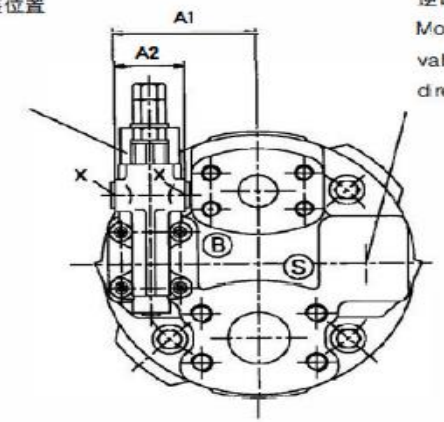
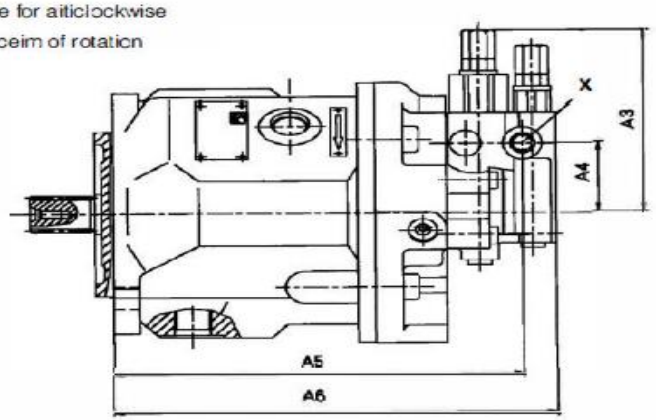
DIMENSIONES TIPO DFR

顺时针旋转时阀的安装位置
Mounting of pilot valve for clockwise direction of rotation

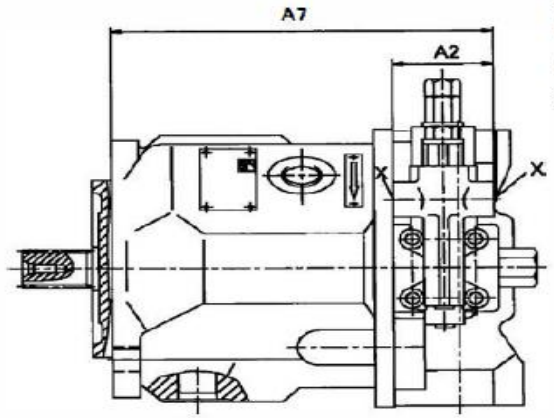


逆时针旋转时阀的安装位置
Mounting of pilot valve for aitiClockwise direceim of rotatiCn

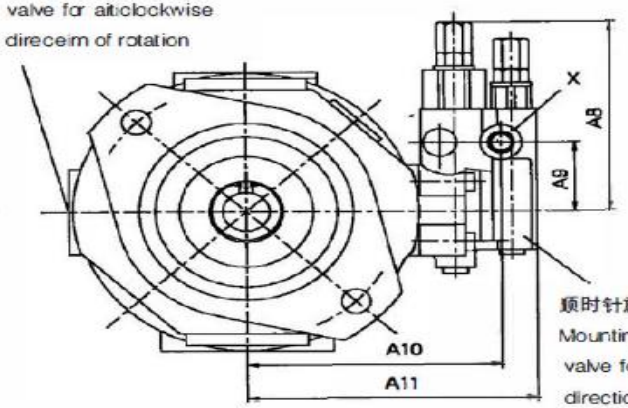


DFR/DFR1/DRG元件尺寸 Unit dimensions DFR/DFR1/DRG
工作油口在两侧，型号62N00和12N00;Service ports on sides;Models 62N00 and 12N00

规格28到100Sizes 28 to 100



逆时针旋转时阀的安装位置
Mounting of pilot valve for aitiClockwise direceim of rotation



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Mounting of pilot valve for clockwise direction of rotatiCn

规格Size	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	X
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45	82	36	108.5	40	229	245	191	108.5	40	129	146	7/16-20UNF-2B
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100	96.3	36	108.5	40	327	344	287	108.5	40	141	158	7/16-20UNF-2B
140												

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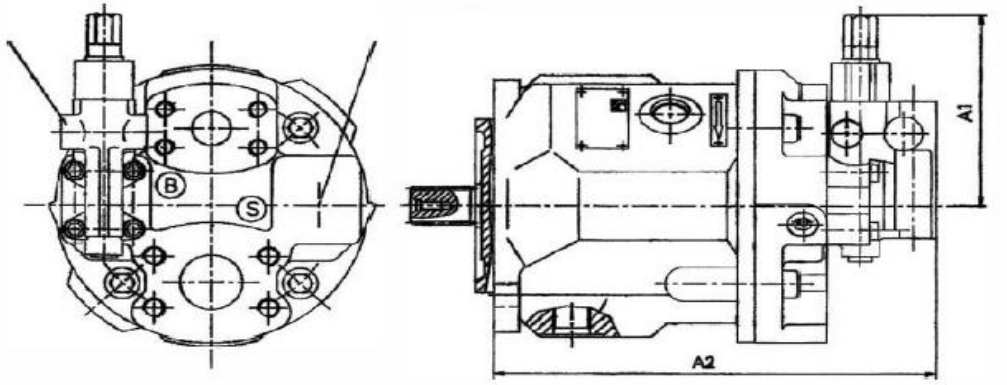
DIMENSIONES TIPO DR

规格28到100Sizes 28 to 100

顺时针旋转时阀的安装位置
Mounting of pilot
valve for clockwise
direction of rotation

逆时针旋转时阀的安装位置
Mounting of pilot
valve for anticlockwise
direceim of rotation



DR元件尺寸 Unit dimensions DR
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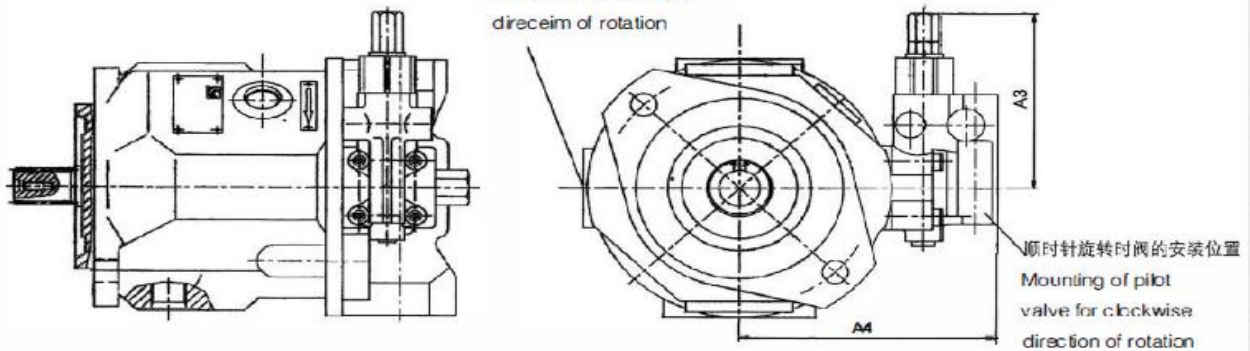
逆时针旋转时阀的安装位置
Varlting of pilot
valve for aiticlockwise
direceim of rotation



顺时针旋转时阀的安装位置
Mounting of pilot
valve for clockwise
direction of rotation

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DICSA
Growing up together

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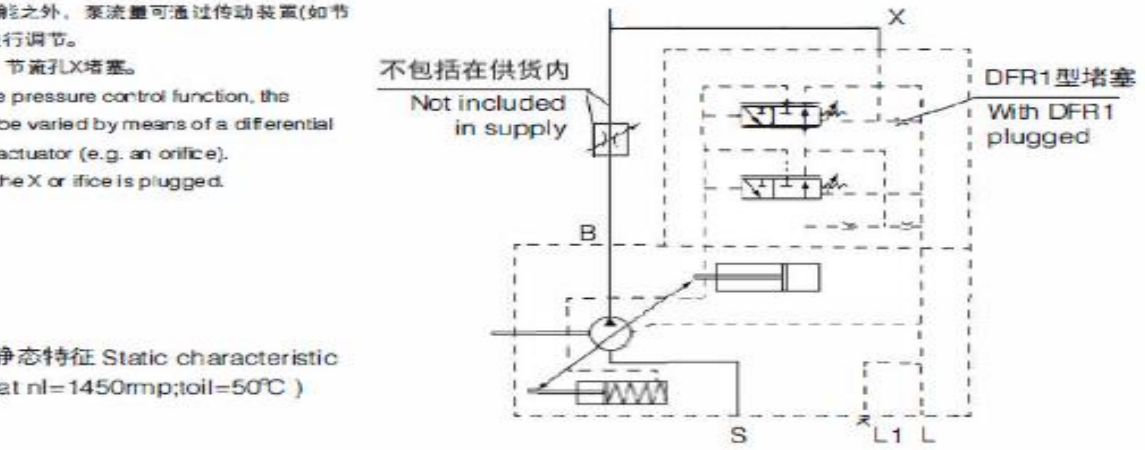
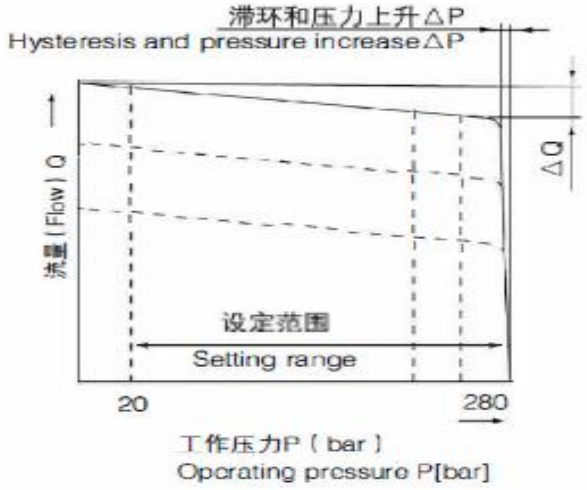


静态特征 Static characteristic
(at nl=1450rmp;toil=50℃)



油口Ports

B	压力油口 Pressure port
S	吸油口 Suction port
L,L1	壳体泄油口（L1密封） Case drain ports(L1 sealed)
X	先导压力口 Pilot pressure port

DICSA

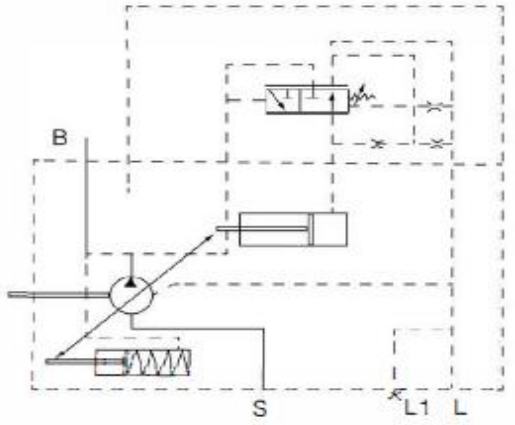
Growing up together

TIPO DR

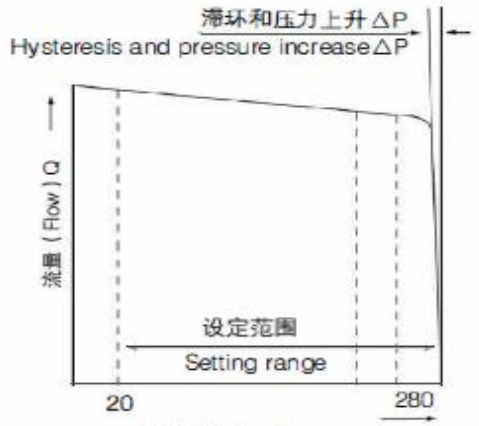
DR压力控制Pressure control

压力控制使在液压系统中维持一个恒定压力，该压力在泵的控制范围之内，泵因此只提供传动装置需要的液压油。先导阀的压力可无级调节。

The pressure control serves to maintain a constant pressure in the hydraulic system, within the control range of the pump. The pump therefore supplies only the amount of hydraulic fluid required by the actuators. Pressure may be smoothly set at the pilot valve.



静态特征 Static characteristic
(at n=1450rmp;toil=50℃)



油口 Ports

B	压力油口 Pressure port
S	吸油口 Suction port
L,L1	壳体泄油口（L1密封） Case drain ports(L1 sealed)

控制数据 Control data

滞环和重复精确度Δp.....最大3bar

Hysteresis and repetitive accuracy Δp.....max.3 bar

最大压力上升 Max. pressure increase

规格Size		28	45	71	100
Δp	Bar	4	6	8	10

先导油耗.....最大约3L/min

Pilot oil consumption.....max. approx. 3 L/min

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REFERENCIAS

Tipo DFR

BPCV28DFR0102
BPCV45DFR0102
BPCV71DFR0102

Tipo DR

BPCV28DR0102
BPCV45DR0102
BPCV71DR0102

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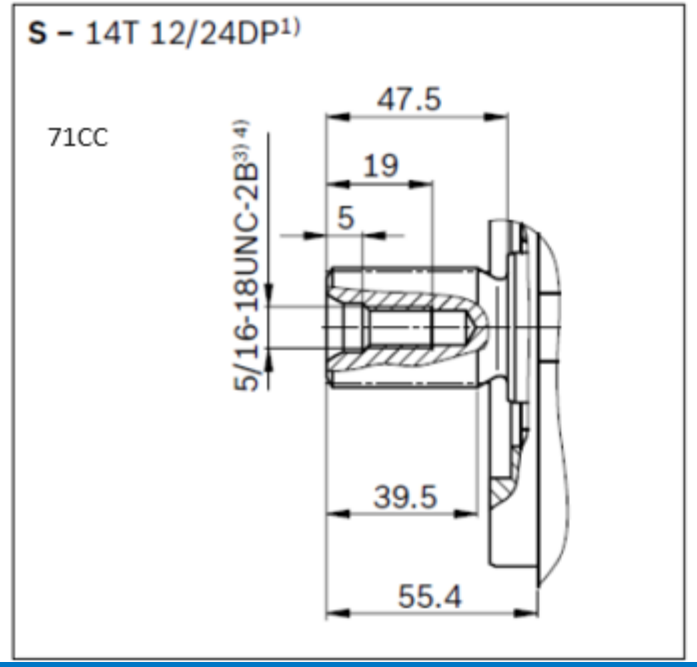
VERSIÓN 0102 EJES (DFR/DR)

▼ **Splined shaft 1 1/4 in (SAE J744)**

S – 14T 12/24DP[1)]

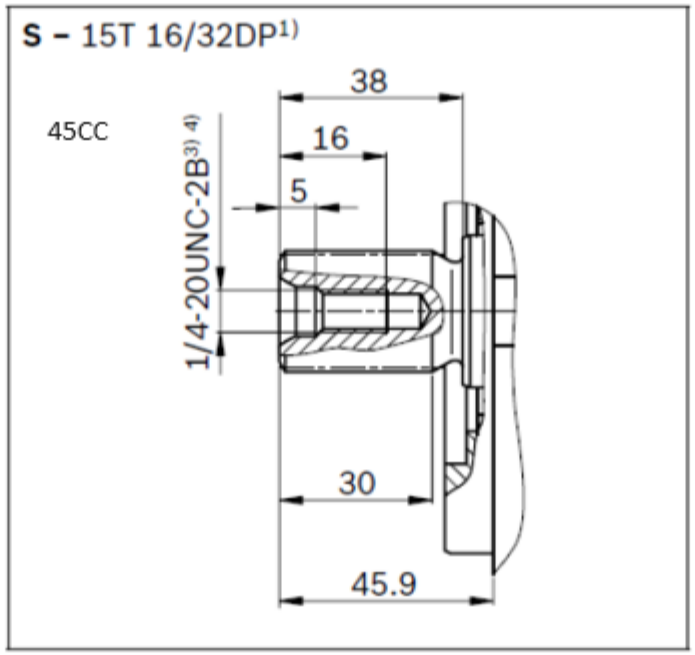
71CC



▼ **Splined shaft 1 in (SAE J744)**

S – 15T 16/32DP[1)]

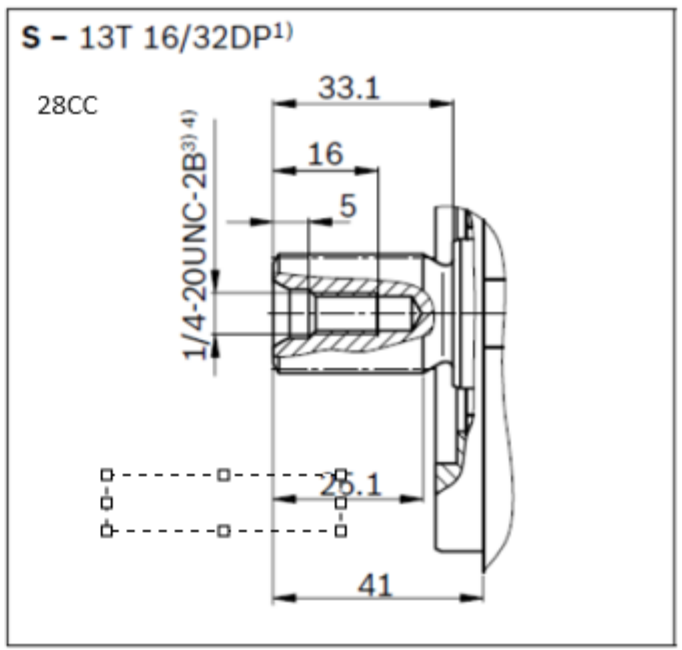
45CC



▼ **Splined shaft 7/8 in (SAE J744)**

S – 13T 16/32DP[1)]

28CC



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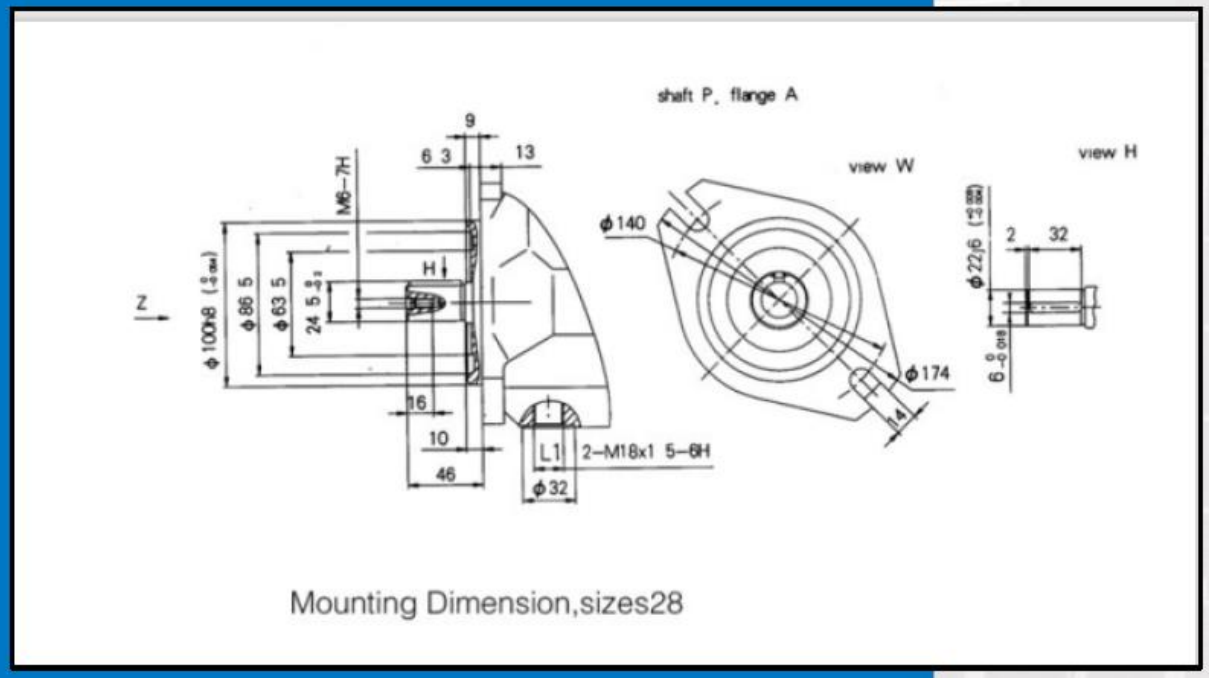
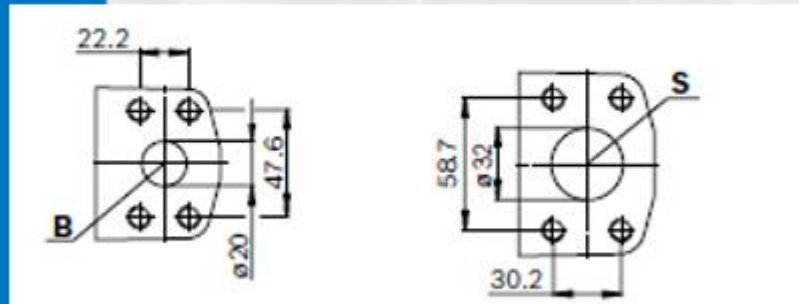
VERSIÓN 0102 TAPAS (DFR/DR)

- 28 CC



Mounting Dimension,sizes28

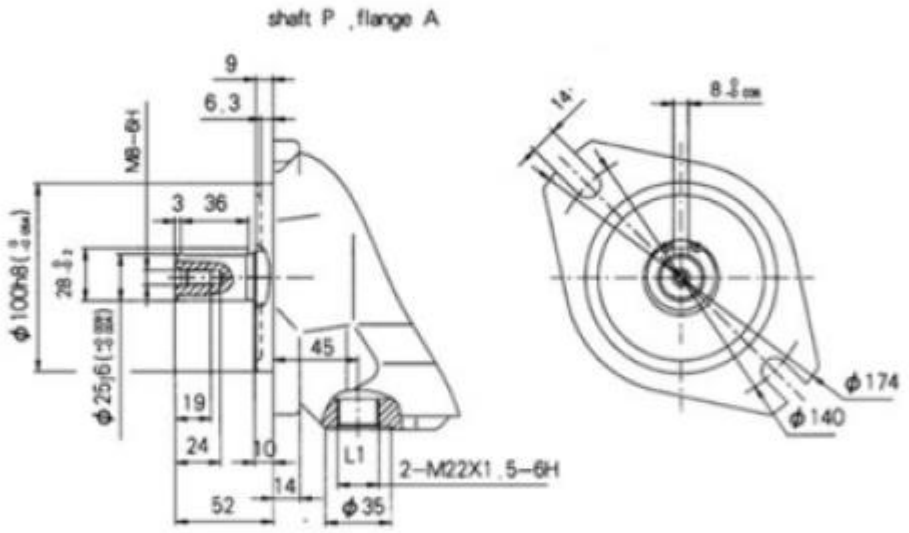
BRIDAS



DICSA

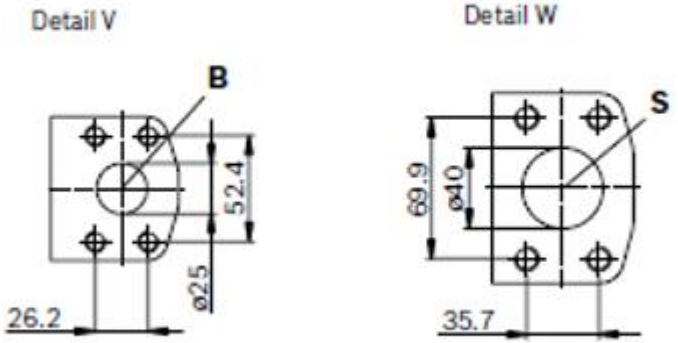
Growing up together

- 45CC



Mounting Dimension, sizes45

BRIDAS

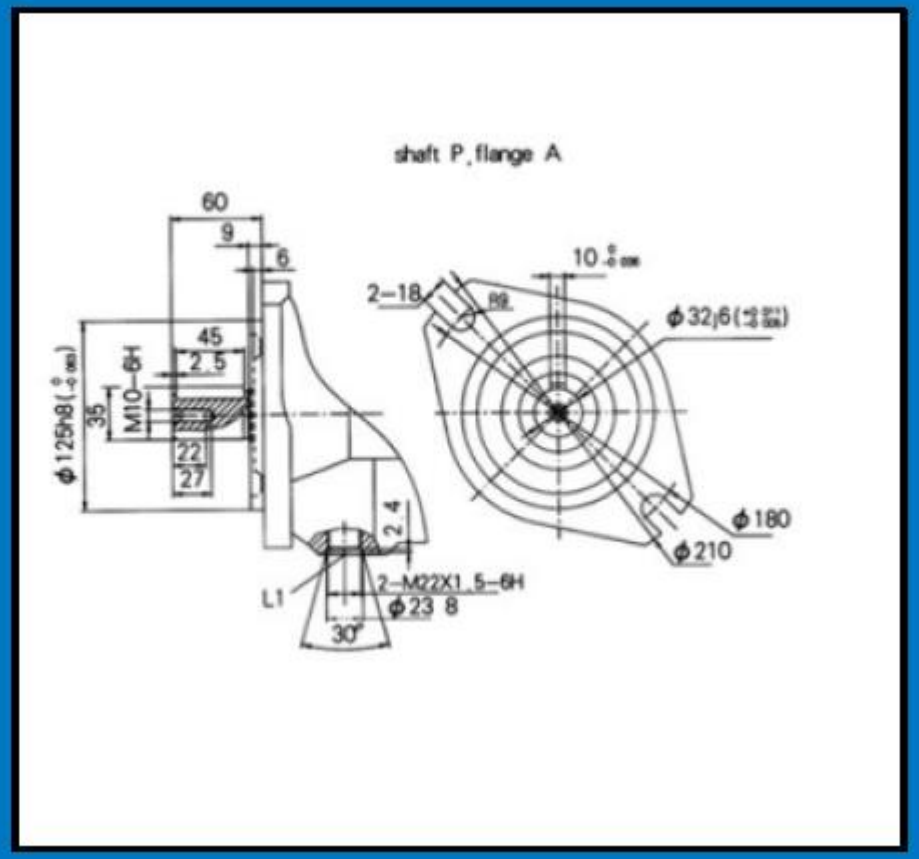


DICSA

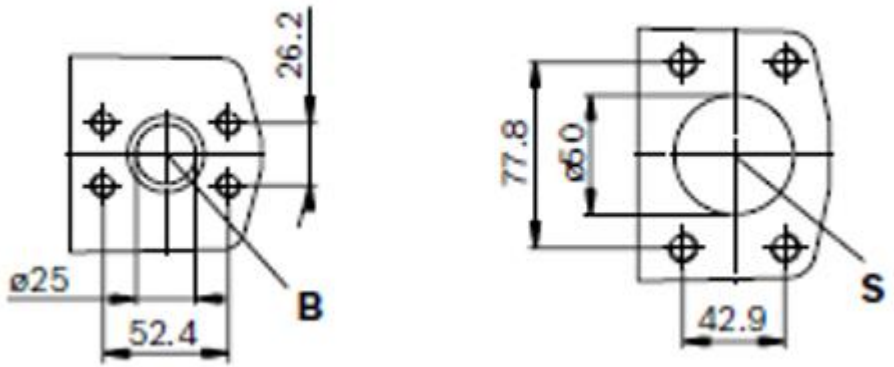
Growing up together

VERSIÓN 0102 TAPAS

- 71CC



BRIDAS



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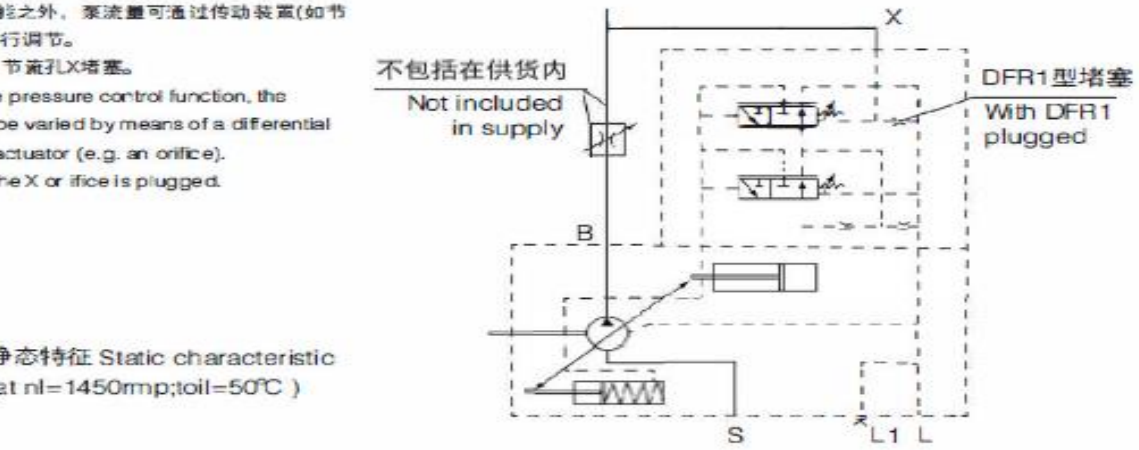
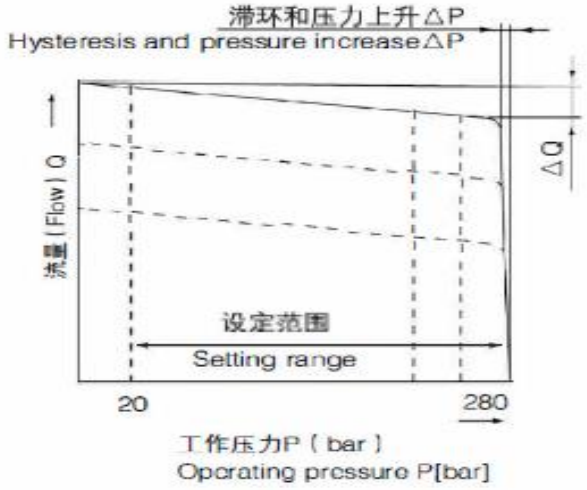
TIPO DFR

DFR/DFR1压力/流量控制Pressure /flow control

除了压力控制功能之外，泵流量可通过传动装置(如节流孔)的压力差进行调节。
在型号DFR1中，节流孔X堵塞。
In addition to the pressure control function, the pump flow may be varied by means of a differential pressure at the actuator (e.g. an orifice).
In model DFR1 the X orifice is plugged.



静态特征 Static characteristic
(at nl=1450rmp;toil=50℃)



油口Ports

B	压力油口 Pressure port
S	吸油口 Suction port
L,L1	壳体泄油口（L1密封） Case drain ports(L1 sealed)
X	先导压力口 Pilot pressure port

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TIPO DR

DR压力控制Pressure control

压力控制使在液压系统中维持一个恒定压力，该压力在泵的控制范围之内，泵因此只提供传动装置需要的液压油，先导阀的压力可无级调节。

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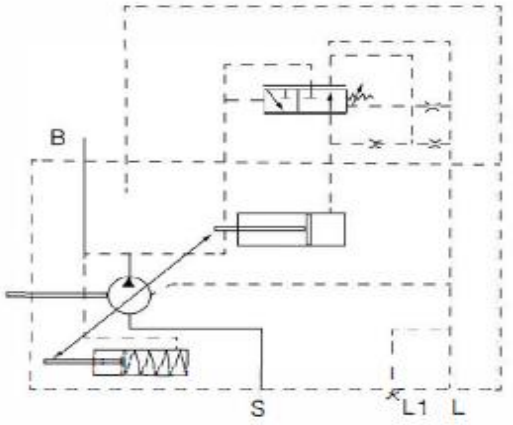
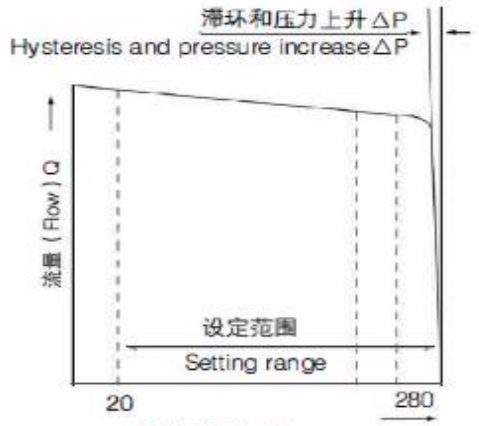


静态特征 Static characteristic
(at n=1450rmp;toil=50℃)



油口 Ports

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L,L1	壳体泄油口（L1密封） Case drain ports(L1 sealed)

控制数据 Control data

滞环和重复精确度Δp.....最大3bar

Hysteresis and repetitive accuracy Δp.....max.3 bar

最大压力上升 Max. pressure increase

规格Size		28	45	71	100
Δp	Bar	4	6	8	10

先导油耗.....最大约3L/min

Pilot oil consumption.....max. approx. 3 L/min

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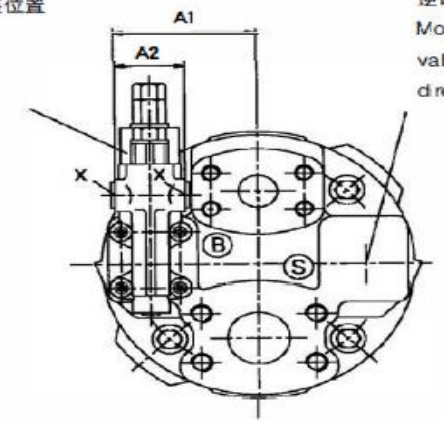
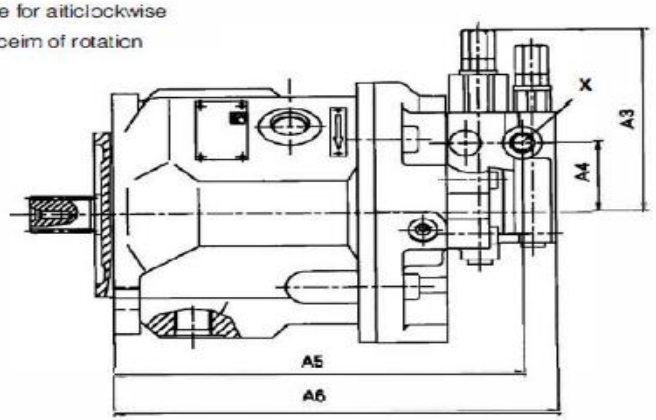
DIMENSIONES TIPO DFR

顺时针旋转时阀的安装位置
Mounting of pilot valve for clockwise direction of rotation

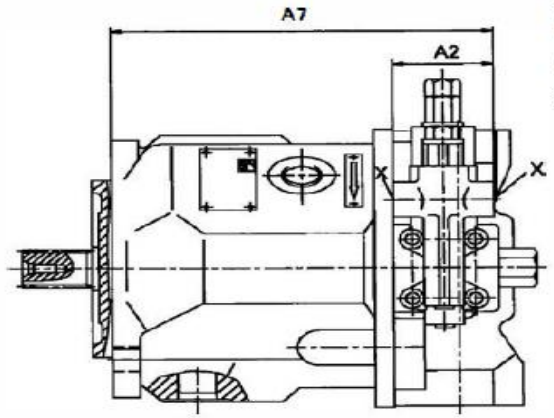


逆时针旋转时阀的安装位置
Mounting of pilot valve for aitiClockwise direceim of rotatiCn

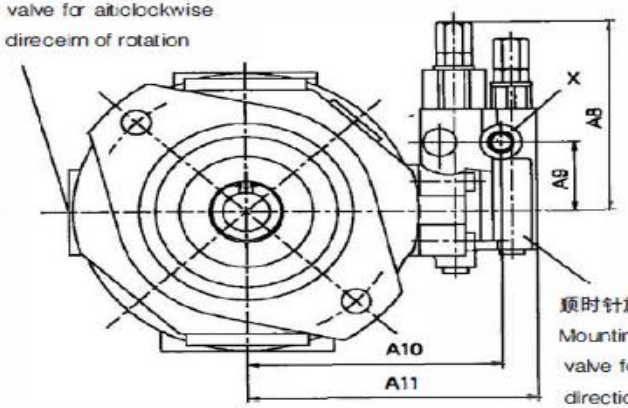


DFR/DFR1/DRG元件尺寸 Unit dimensions DFR/DFR1/DRG
工作油口在两侧，型号62N00和12N00;Service ports on sides;Models 62N00 and 12N00

规格28到100Sizes 28 to 100



逆时针旋转时阀的安装位置
Mounting of pilot valve for aitiClockwise direceim of rotation



顺时针旋转时阀的安装位置
Mounting of pilot valve for clockwise direction of rotatiCn

规格Size	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	X
28	73	36	108.5	43	209.2	226.2	176	108.5	40	119	136	7/16-20UNF-2B
45	82	36	108.5	40	229	245	191	108.5	40	129	146	7/16-20UNF-2B
71	91	36	106	42	262	279	218.8	108.5	40	143	160	7/16-20UNF-2B
100	96.3	36	108.5	40	327	344	287	108.5	40	141	158	7/16-20UNF-2B
140												

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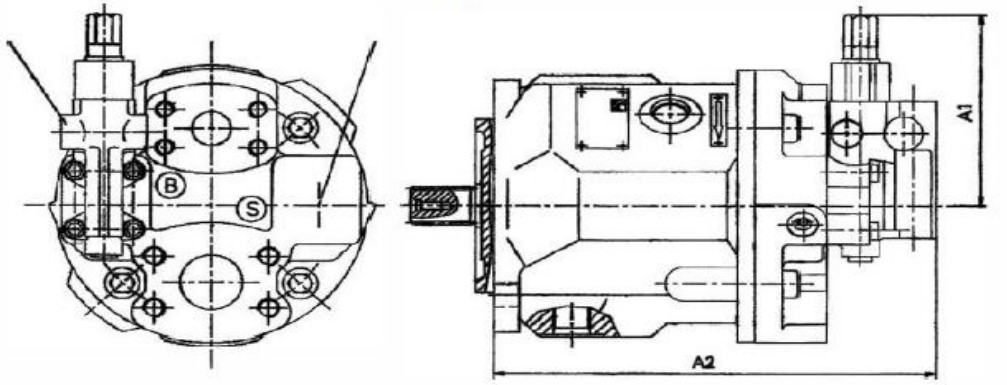
DIMENSIONES TIPO DR

规格28到100Sizes 28 to 100

顺时针旋转时阀的安装位置
Mounting of pilot
valve for clockwise
direction of rotation

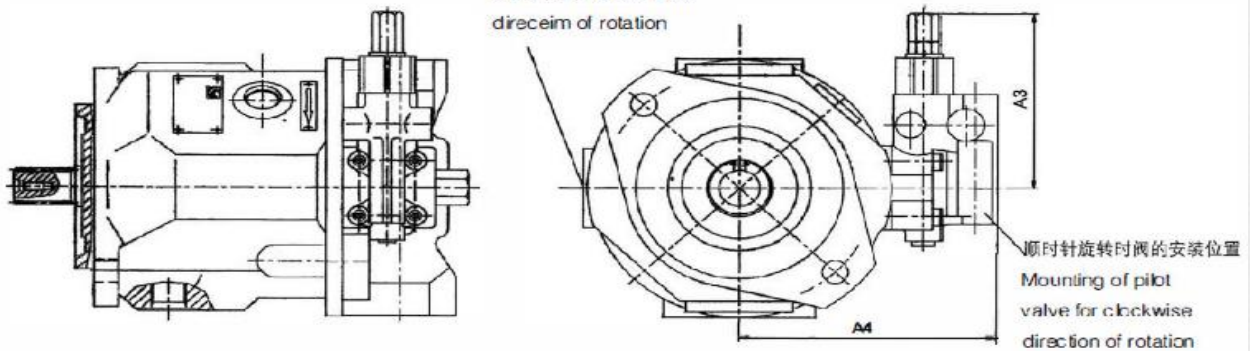
逆时针旋转时阀的安装位置
Mounting of pilot
valve for anticlockwise
direceim of rotation



DR元件尺寸 Unit dimensions DR
工作油口在两侧，型号62N00和12N00;Service ports on sides;Models 62N00 and 12N00

规格28到100Sizes 28 to 100

逆时针旋转时阀的安装位置
Varlting of pilot
valve for aiticlockwise
direceim of rotation



顺时针旋转时阀的安装位置
Mounting of pilot
valve for clockwise
direction of rotation

规格 Size	A1	A2	A3	A4
28	108.5	226.2	108.5	136
45	108.5	245	108.5	146
71	106	279	108.5	160
100	108.5	344	108.5	158
140				