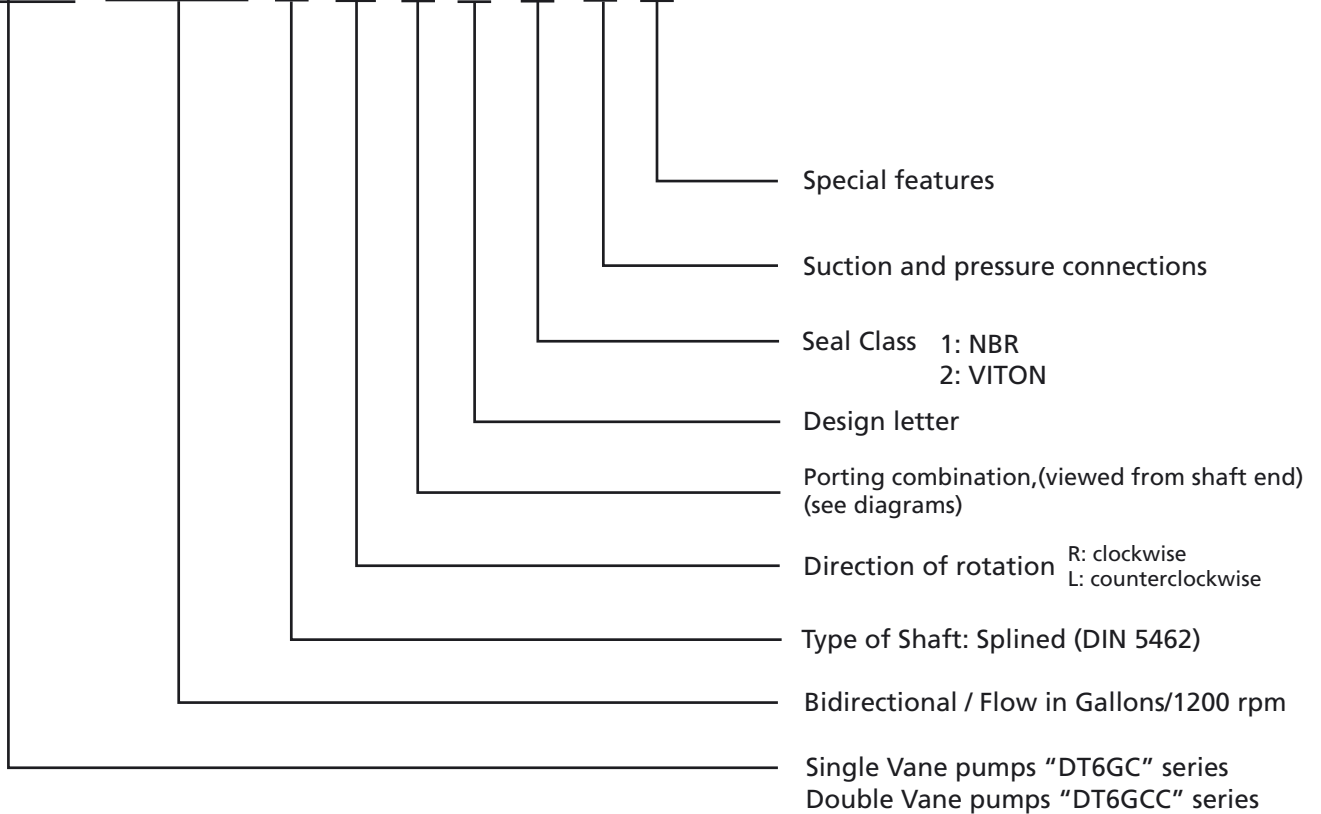


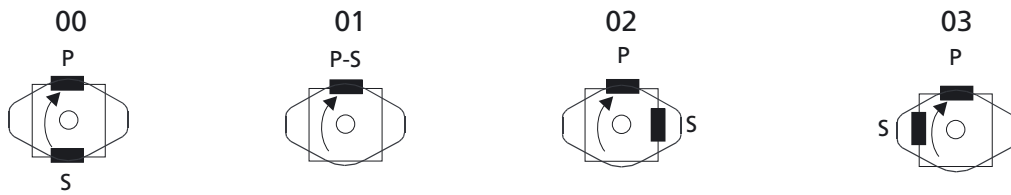
## DT6GC SINGLE & DT6GCC DOUBLE VANE PUMPS ORDERING CODE

**T6GC(C) - B22(B22) - 6 - R - 00 - A - 1 - 00 - \***

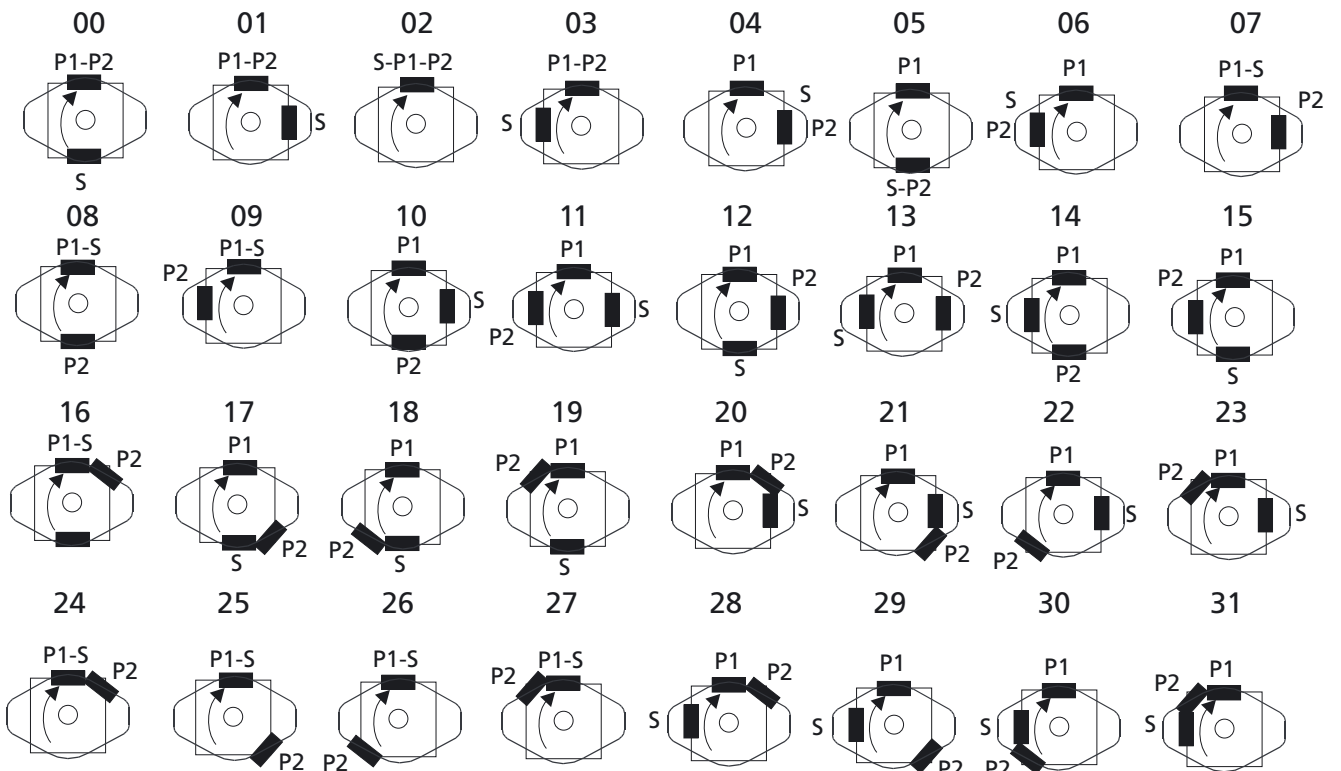


# DT6GC & DT6GCC PORTING COMBINATION

## DT6GC



## DT6GCC

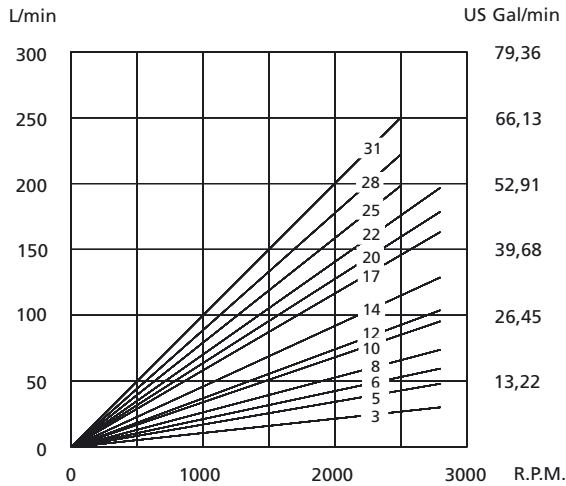


## DT6GC OPERATING CHARACTERISTICS

DATA SHEET

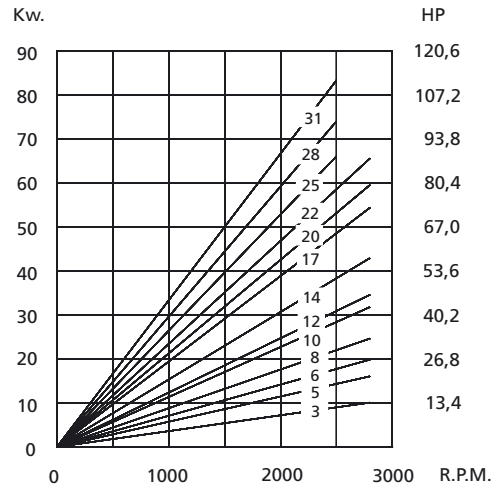
FLOW										SPEED (rpm)		PRESSURE (bar)		WEIGHT				
Lts/min.at 1000 rpm	11	17	21	26	34	37	46	58	64	70	79	89	100	Min.	Máx.	Intermit.	Contin.	(Kgs.)
Gal./min.at 1200 rpm	3	5	6	8	10	12	14	17	20	22	25	28	31	700	2800	275	240	18

\* See page 41 for further information about speed & pressure.



Theoretical Flow (0 Bar)

To calculate the real flow at a given operating pressure, subtract the internal leakage value for this pressure (see diagram below) from the theoretical flow. (See diagram above).



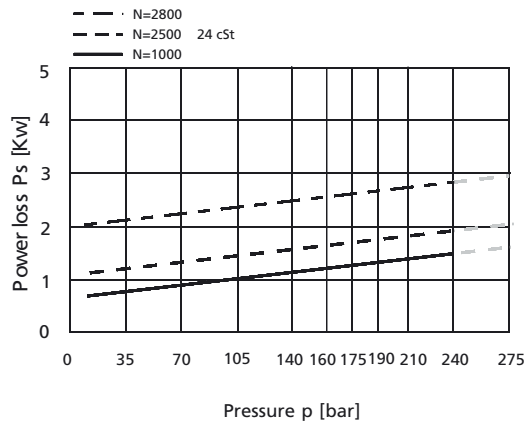
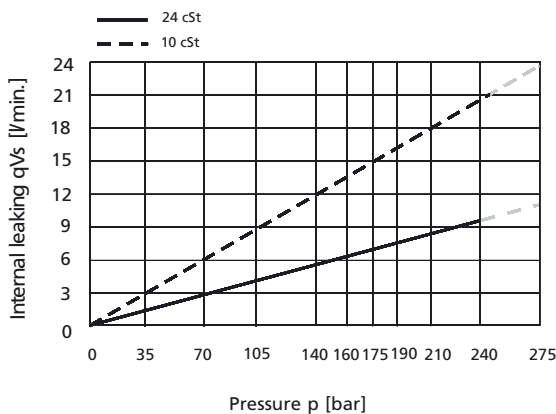
Theoretical Input Power at 200 Bar

To calculate the theoretical input power at other pressures and speeds, use the formula:

$$P(Kw) = \frac{Q(L/min.) \times P(Bar)}{600}$$

Where Q is the theoretical flow (upper left diagram) and P the operating pressure.

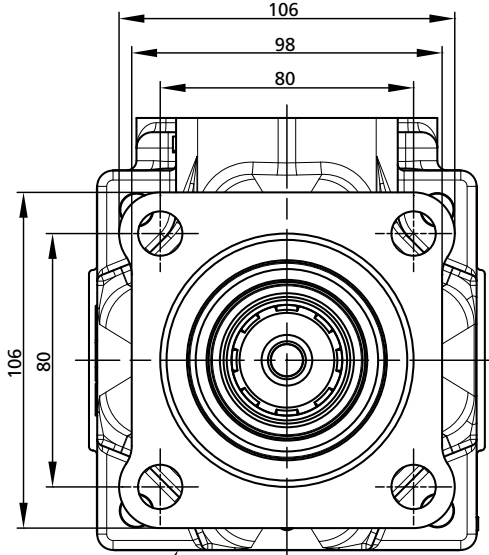
To calculate the real input power, add to the theoretical power the hydromechanical power losses (see diagram below).



Do not operate pump more than 5 seconds at any speed or viscosity if internal leakage is more than 50 % of theoretical flow

## DIMENSIONS - SINGLE VANE PUMPS DT6GC

DIMENSIONS IN MILLIMETERS. 1" = 25,4 mm

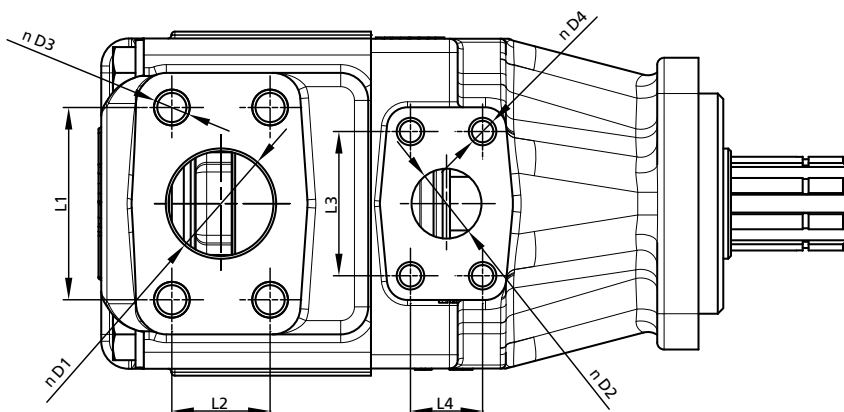
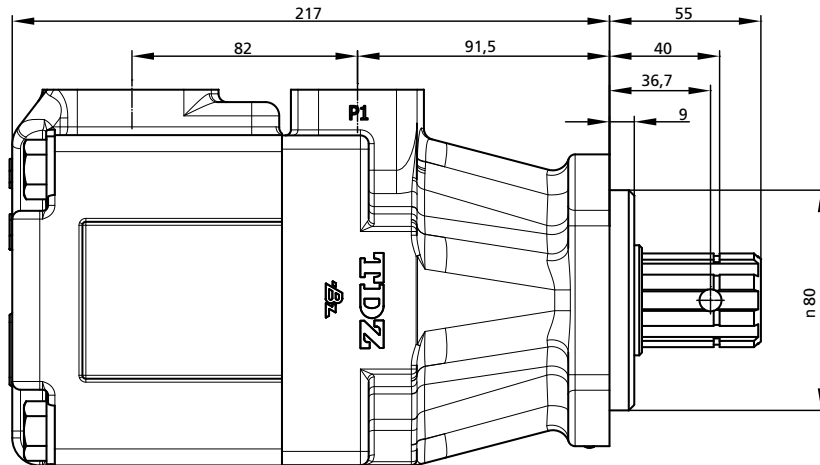


ISO 7653

### Suction and Pressure ports options

	ØD1	ØD3	L1	L2
COVER	1" 1/2 SAE	1/2"-13H UNC	69,85	35,7
	1" 1/2 SAE	M12	69,85	35,7

	ØD2	ØD4	L3	L4
FLANGE	1" SAE	3/8"-16H UNC	52,4	26,2
	1" SAE	M10	52,4	26,2
	1" BSP	_____	_____	_____
	3/4" BSP	_____	_____	_____



## DOUBLE PUMPS DT6GCC - OPERATING CHARACTERISTICS

DATA SHEET

### SHAFT END SECTION

FLOW													SPEED (rpm)		PRESSURE (bar)		
Lts/min.at 1000 rpm	11	17	21	26	34	37	46	58	64	70	79	89	100	Mín.	Máx.	Intermit.	Contin.
Gal/min.at 1200 rpm	3	5	6	8	10	12	14	17	20	22	25	28	31	700	2800*	275	240*

\* See page 41 for further information about speed & pressure.

### COVER END SECTION

FLOW													SPEED (rpm)		PRESSURE (bar)		
Lts/min.at 1000 rpm	11	17	21	26	34	37	46	58	64	70	79	89	100	Mín.	Máx.	Intermit.	Contin.
Gal/min.at 1200 rpm	3	5	6	8	10	12	14	17	20	22	25	28	31	700	2800*	275	240*

\* See page 41 for further information about speed & pressure.

## DT6GCC - FLOW & INPUT POWER DIAGRAMS

### SHAFT END

See **DT6GC** Single Pumps for flow and input power diagrams (page 42)

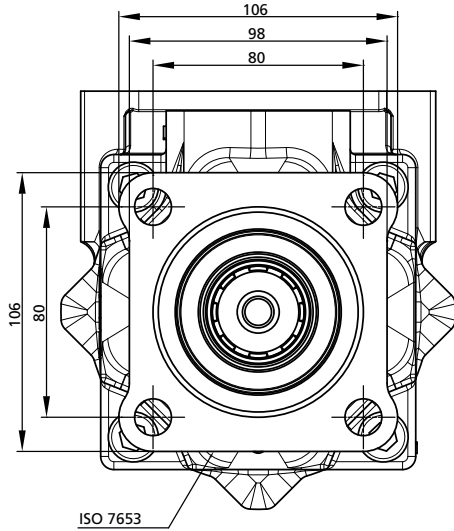
### COVER END

See **DT6GC** Single Pumps for flow and input power diagrams (page 42)



## DOUBLE PUMPS DT6GCC - DIMENSIONS - WEIGHT: 29 Kg

DIMENSIONS IN MILLIMETERS. 1" = 25,4 mm



COVER

### Suction and Pressure ports options

Ø D1	Ø D4	L1	L2
1" SAE	3/8"-16H UNC	69,85	35,7
1" SAE	M10	69,85	35,7
3/4" SAE	3/8"-16H UNC	47,6	22,2
3/4" SAE	M10	47,6	22,2

MIDDLE BODY

Ø D2	Ø D5	L3	L4
2" 1/2 SAE	1/2"-13H UNC	88,9	50,8
3" SAE	5/8"-16H UNC	106,4	61,9
2" 1/2 SAE	M12	88,9	50,8
3" SAE	M16	106,4	61,9

FLANGE

Ø D3	Ø D6	L5	L6
1" SAE	3/8"-16H UNC	52,4	26,2
1" SAE	M10	52,4	26,2
1" BSP	_____	_____	_____
3/4" BSP	_____	_____	_____

