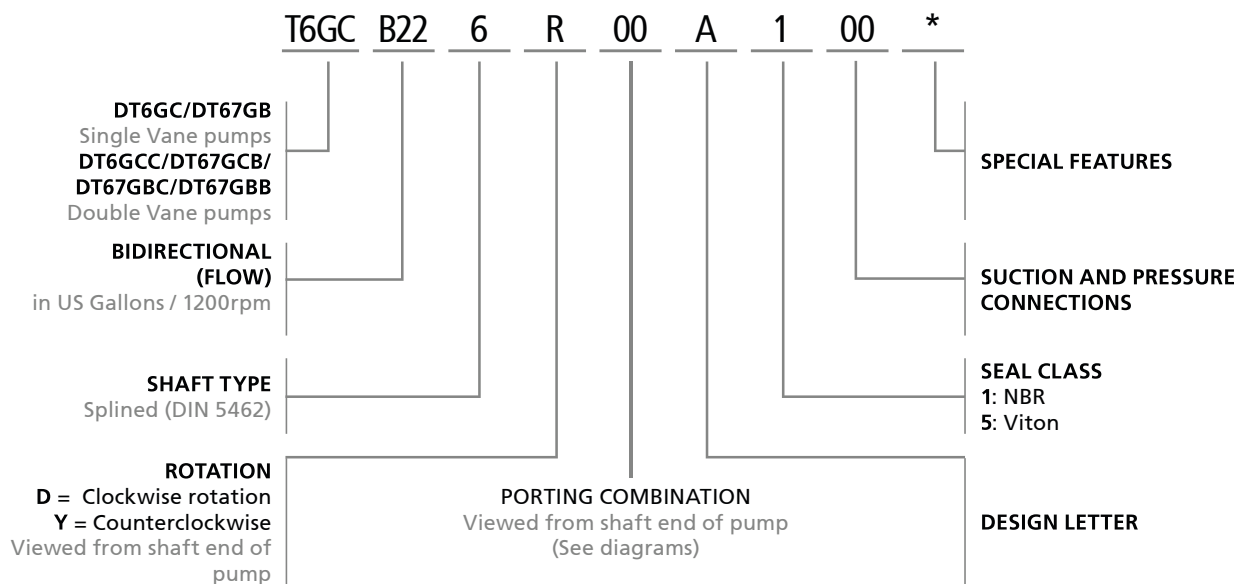
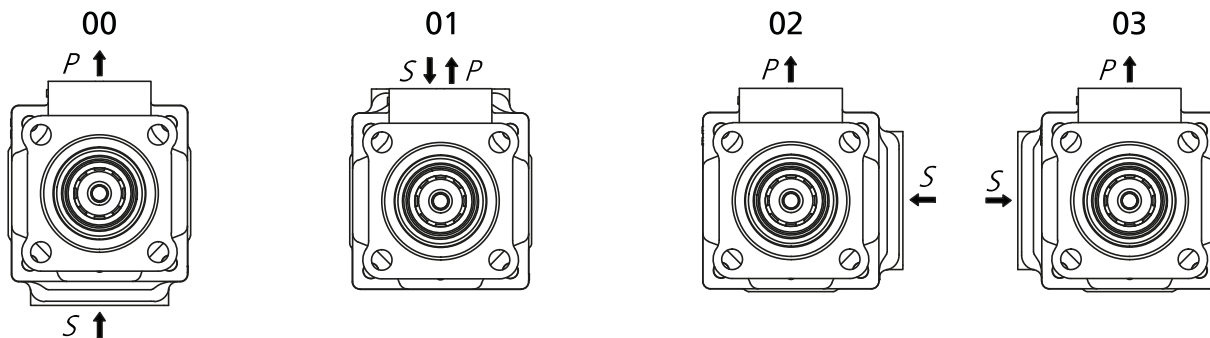


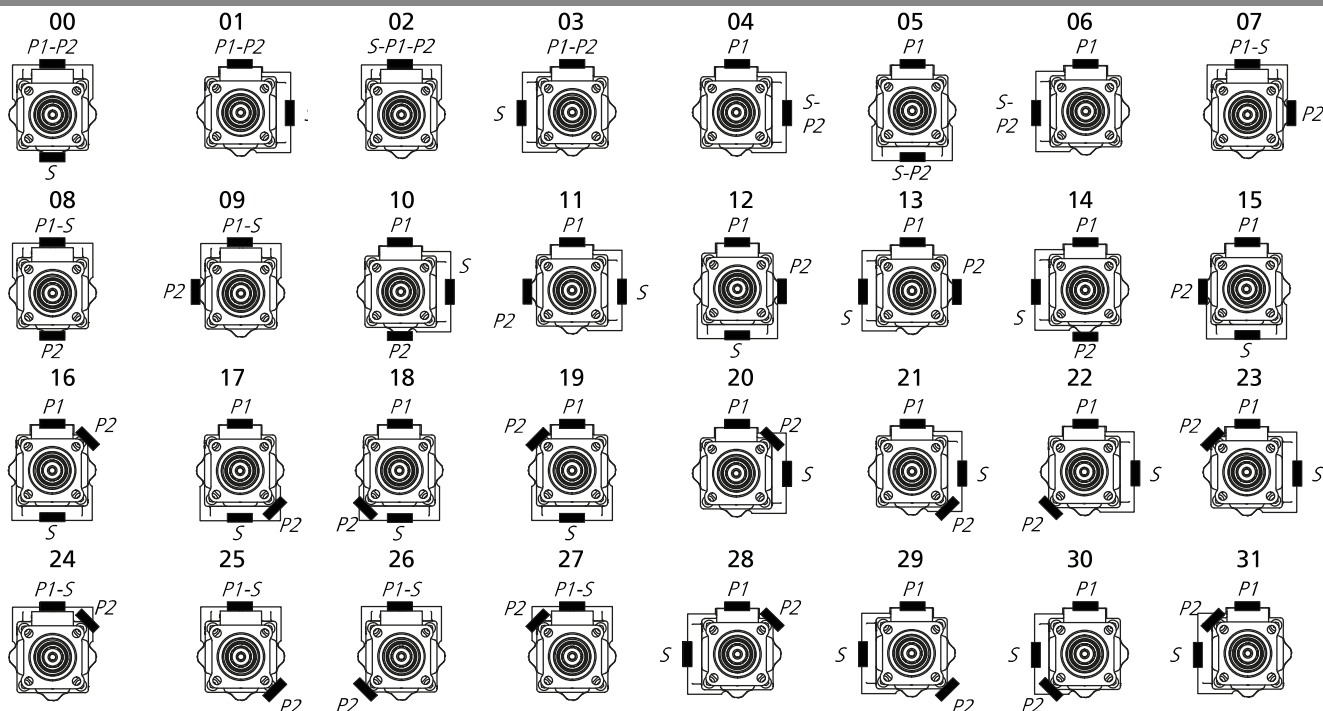
DT6G & DT67G ORDERING CODE



PORTING COMBINATION | DT6GC



PORTING COMBINATION | DT6GCC



OPERATING CHARACTERISTICS

T6C FLOW														SPEED(rpm)		PRESSURE (bar)		WEIGHT
Lts/min.at 1000 rpm	11	17	21	26	34	37	46	58	64	70	79	89	100	Mín.	Máx.*	Contin.*	Intermit.*	(Kgs.)
Gal/min.at1200 rpm	3	5	6	8	10	12	14	17	20	22	25	28	31	700	2800	240	275	18

T7B FLOW														SPEED(rpm)		PRESSURE (bar)		WEIGHT
Lts/min.at 1000 rpm	6	10	13	16	20	22	25	28	32	35	41	45	50	Mín.	Máx.*	Contin.*	Intermit.*	(Kgs.)
Gal/min.at1200 rpm	2	3	4	5	6	7	8	9	10	11	12	14	15	500	3600	290	320	23

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

OPERATING CHARACTERISTICS

T6GC SHAFT END 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.*	Contin.*	Intermit.*
Gal/min.at1200 rpm	3	5	6	8	10	12	14	17	20	22	25	28	31	500	2800	240	275

T67GB SHAFT END FLOW														SPEED(rpm)		PRESSURE (bar)	
Lts/min.at 1000 rpm	6	10	13	16	20	22	25	28	32	35	41	45	50	Mín.	Máx.*	Contin.*	Intermit.*
Gal/min.at1200 rpm	2	3	4	5	6	7	8	9	10	11	12	14	15	500	3600	290	320

T6GC COVER END 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.*	Contin.*	Intermit.*
Gal/min.at1200 rpm	3	5	6	8	10	12	14	17	20	22	25	28	31	500	2800	240	275

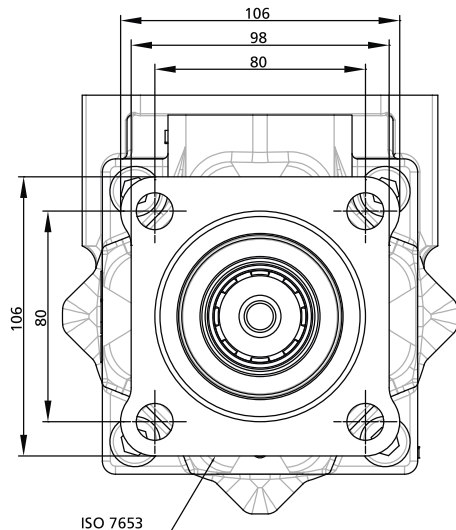
T67GB COVER END FLOW														SPEED(rpm)		PRESSURE (bar)	
Lts/min.at 1000 rpm	6	10	13	16	20	22	25	28	32	35	41	45	50	Mín.	Máx.*	Contin.*	Intermit.*
Gal/min.at1200 rpm	2	3	4	5	6	7	8	9	10	11	12	14	15	500	3600	290	320

* See page 41 for further information about speed & pressure

Flow & input power diagrams	
SHAFT END	COVER END
See DT6C Single Pumps for flow and input power diagrams (page 46)	
See DT7BS single pumps for flow and input power diagrams (page 42)	

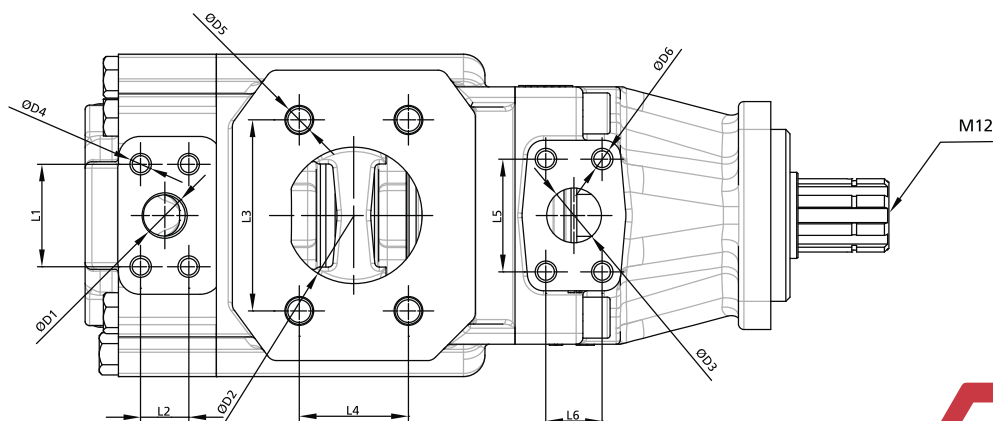
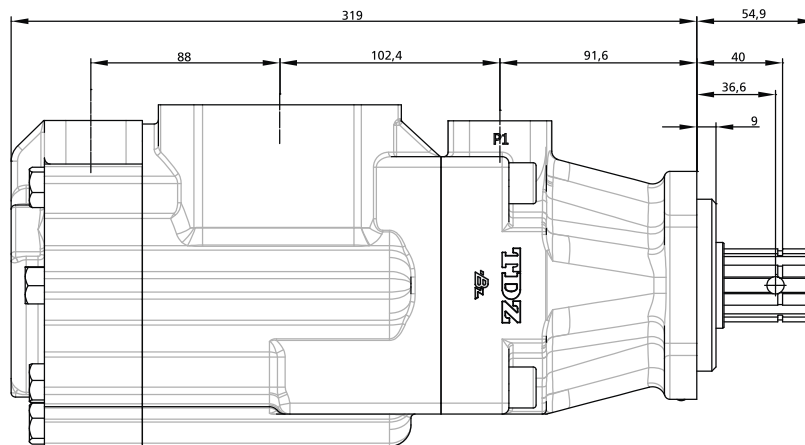
DIMENSIONS - WEIGHT: 29 Kg

DIMENSIONS IN MILLIMETERS. 1" = 25,4 mm



Mounting with connection variables					
		P1 = 1" - S = 3"		P1 = 1" - S = 2 1/2"	
P2		1"	3/4"	1"	3/4"
CODE	UNC	00	01	10	11
	METRIC	0M	W0	1M	W1

PORTS OPTIONS				
COVER	ØD1	ØD4	L1	L2
	1" SAE	3/8" 16H UNC M10	52,4	26,2
	3/4" SAE	3/8" 16H UNC M12	47,6	22,2
MIDDLE BODY	ØD2	ØD5	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	ØD3	ØD6	L5	L6
	1" SAE	3/8" 16H UNC M10	52,4	26,2
	1" BSP			
	3/4" BSP	-	-	-

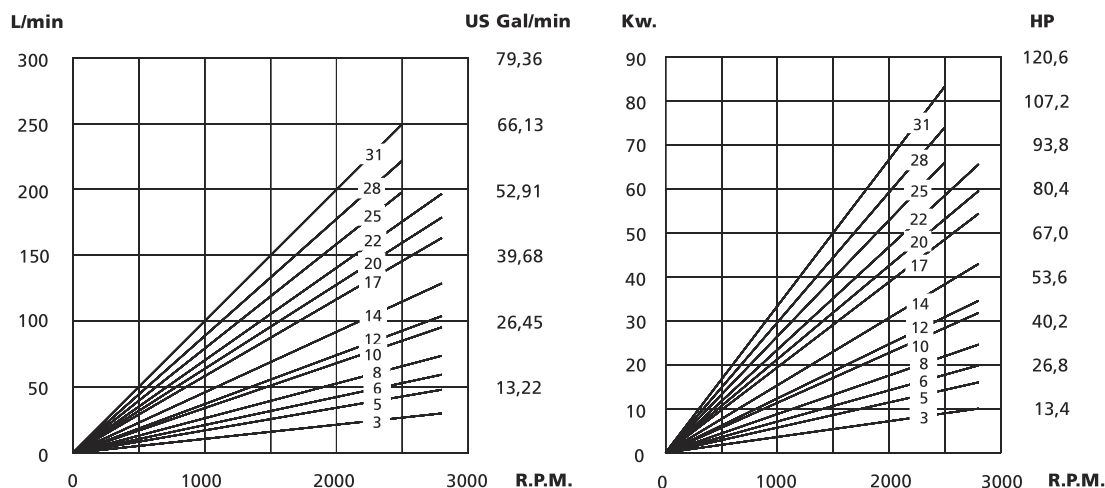


DT6C OPERATING CHARACTERISTICS

FLOW														SPEED(rpm)		PRESSURE (bar)		WEIGHT
Lts/min.at 1000 rpm	11	17	21	26	34	37	46	58	64	70	79	89	100	Mín.	Máx.*	Contin.*	Intermit.*	(Kgs.)
Gal/min.at1200 rpm	3	5	6	8	10	12	14	17	20	22	25	28	31	500	2800	240	275	15

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

DIMENSIONS IN MILLIMETERS. 1" = 25,4 mm



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).

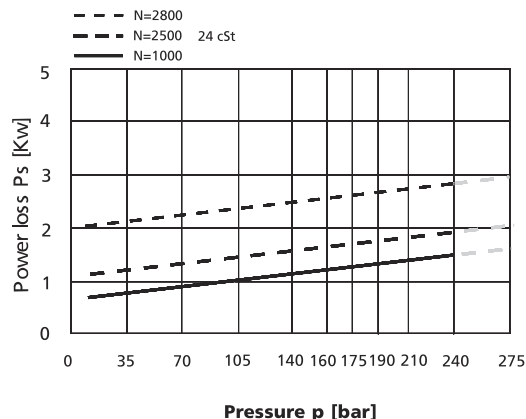
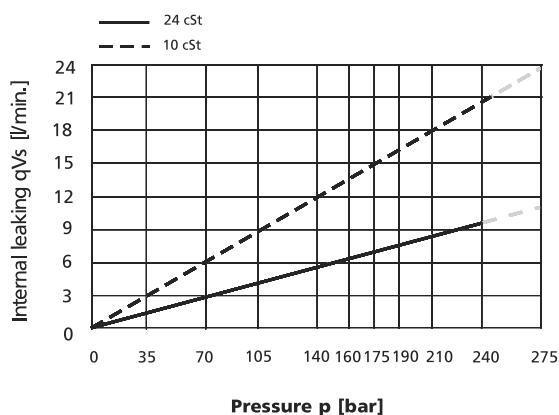
Theoretical Input Power at 200 Bar

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).

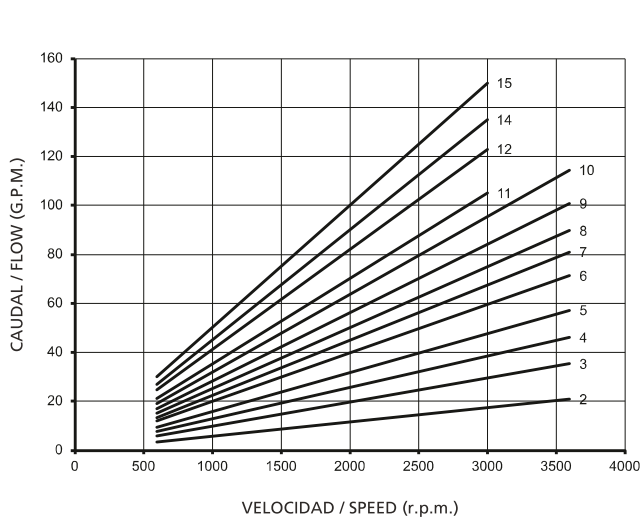


Do not operate pump more than 5 seconds at any speed or viscosity if internal leakage is more than 50 % of theoretical flow

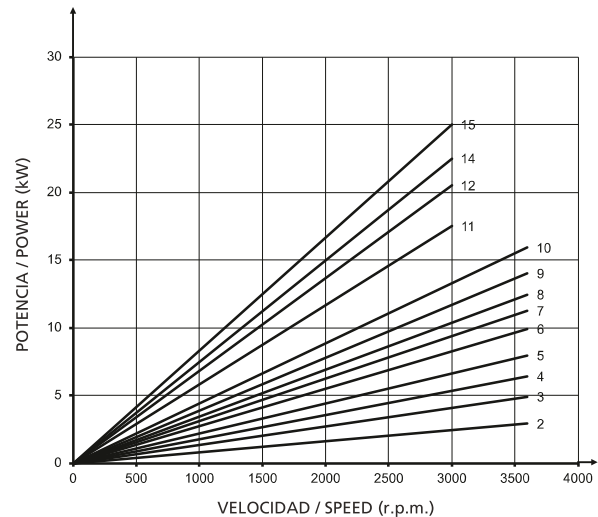
DT7BS / DT67B CHARACTERISTICS

FLOW															SPEED(rpm)		PRESSURE (bar)		WEIGHT
Lts/min.at 1000 rpm	6	10	13	16	20	22	25	28	32	35	41	45	50	Mín.	Máx.*	Contin.*	Intermit.*	(Kgs.)	
Gal/min.at1200 rpm	2	3	4	5	6	7	8	9	10	11	12	14	15	500	3600	290	320	23	

* 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).

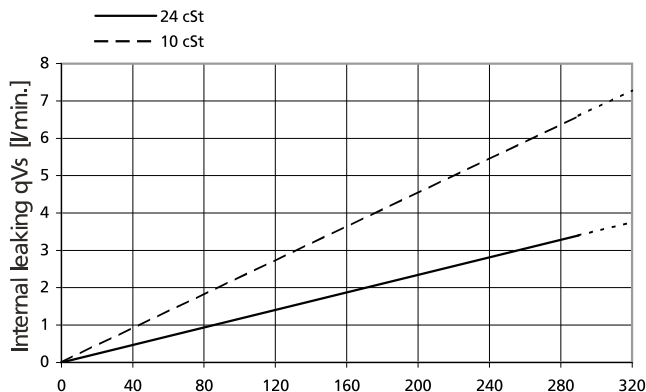
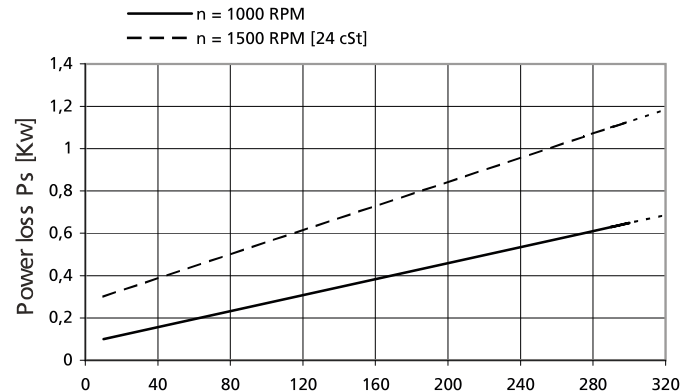

Theoretical Input Power at 300 Bar

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).


Pressure p [bar]

Pressure p [bar]

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