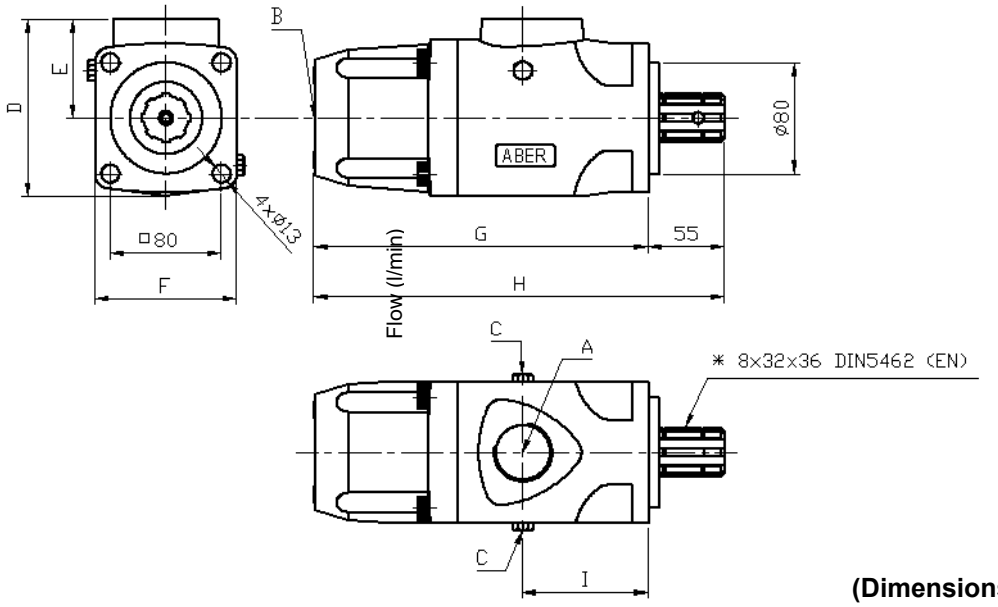
Main Dimensions



(Dimensions in mm)

Main Data			
Pumps BHT_EN	***25519***	***25619***	***22819***
Cylinder capacity (cm^3/rot.)	50	60	80
Output at max. rotation (l/min)	75	90	108
Operating pressure (bar) (up to)	320	320	320
Peak pressure (bar)	370	370	370
Rotation Mín. (rpm)	200	200	200
Rotation Máx. (rpm)	1500	1500	1350
Weight (kg)	13	13	16
Sense of Rotation	Bi-directional		
A-Oil inlet (BSP)	1″1/4	1″1/4	1″1/2
B-Oil Outlet (BSP)	3/4″	3/4″	1″
C	Oil drain plug		
D	125	125	148
E	69	69	72
F	102	102	118
G	240	240	259
H	295	295	314
I	90	90	118

How to order:
Example: Pump 60cm^3, operating pressure up to 320 bar; peak pressure 370 bar; ref. BHT with DIN 5462 (EN) BHT25619EN

Diagram
Flow - Speed

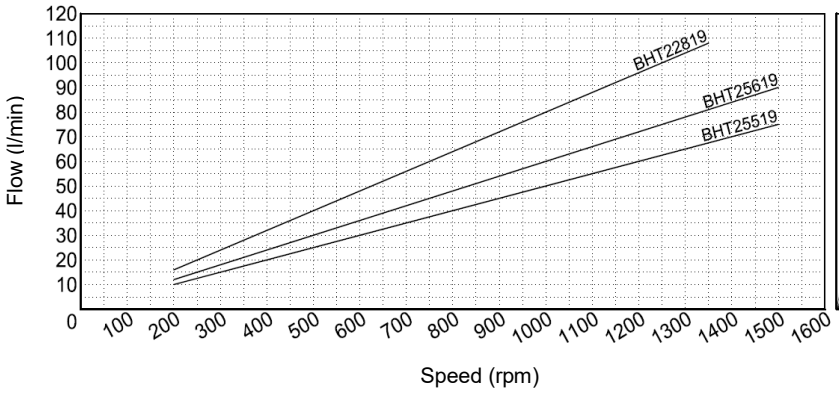
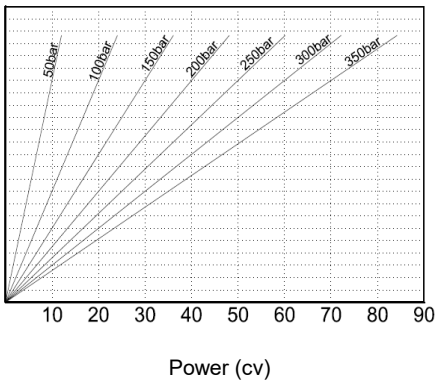


Diagram
Input Power - Flow – Pressure



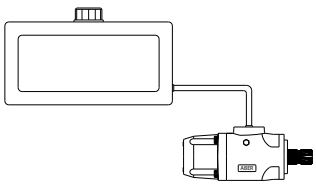
Hose dimensions

Inlet Hose	
Flow (l/min)	**Internal pipe diameter (inch)**
30-40	1"1/4
50-60	1"1/2
70-90	1"3/4
100-120	2"

Outlet Hose					
Flow (l/min)	**Internal pipe diameter (inch)**				
30	1/2"	1/2"	1/2"	1/2"	1/2"
40	5/8"	1/2"	1/2"	1/2"	1/2"
50	5/8"	5/8"	5/8"	1/2"	1/2"
60	3/4"	5/8"	5/8"	5/8"	5/8"
70	1"	3/4"	3/4"	5/8"	5/8"
80	1"	3/4"	3/4"	3/4"	3/4"
90	1"	1"	1"	3/4"	3/4"
100	1"	1"	1"	1"	3/4"
110	1"	1"	1"	1"	1"
	50-100	100-150	150-200	200-300	300-350
	P (bar)				

IMPORTANT NOTES:

Other axis available, please consult "Axel options"
Diameter of inlet pipes lower than indicated in our technical catalogues as well as a poor sealing can cause cavitation phenomenon to occur, thereby deteriorating the pump
Keep up the deposit above pump level
Used always return filters. We recommend filters with mesh equal to or lower than 25 m
The connection of inlet pipes in the pump, can de done by threading or flange and the sealing by orring
Use a good quality mineral hydraulic-oil with viscosity at operating temperature between 20 and 46 cSt
Fill the oil tank to 85% of its maximum capacity (the remainder 15% must not have oil)



Keep up the deposit above pump level