



HYDRAULIC SCHEMA

WORKING DIAGRAM

VALVE TYPE	pump flow [l/min]		A	B	C	D	$\varnothing F$	$\varnothing f$	R	wt
	min	max								[kg]
VC 3006/D - 1"1/4	25	216	70	55	136	57	25	9	G 1" 1/4	4
VC 3006/D - 1"1/2	180	432	70	55	143	61	30	9	G 1" 1/2	4,5
VC 3006/D - 2"	430	600	80	65	164	68	40	11	G 2"	6

- working pressure = 12 ÷ 60 bar
- working temperature = 5 ÷ 70 °C
- kinematic viscosity = 16 ÷ 240 cSt

Checking on site of the speed downward:

Down-travel falling speed at pipe burst: $V_{max} = V_d \cdot \sqrt{\frac{P_s}{P_s - P_d}}$ [m/s] (EN 81-20 par.6.3.9)

Vd : down-travel speed at nominal load [m/s];

Ps : full load static pressure [bar]

Pd : pressure measured during down-travel at nominal load [bar]

For any information not included in this data sheet please contact GMV