

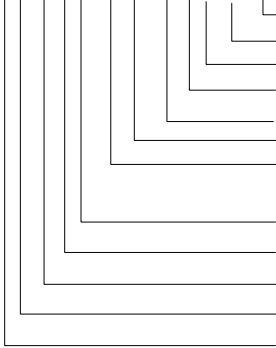
Work with

- \* Honeywell
- \* Johnson controls
- \* Siemens..
- \* Many others

**2-**

/ , ' , , / LPG/ LNG

PN16

**VTF47.XXX**
**VTF47.125E0DG01**


Type of ext. tube

 Finishing: G=Galvanized, N= Nickel coating, P=Painted  
 Flange type: D=DIN ,K=KS, J=JIS, B=BS, I=ISO, X=Option

Test point: 0= none, 1= 2 plugs, 2=Test cocks,

: E=Equal %, L=Linear, F=Floating(On-Off)

(DIN):15=15, 25,32,40,50,65,80, 90=100, 91=125, 92=150

 1:Ati/Siemens, 2:Honeywell, 3:Johnson, 4:Sauter, 5:Satchwell  
 6:Samson, 7:Siebe, 8:Saginomiya, 9:Trend,

(PN:Bar): 2: 6 Bar, 3=10, 4: 16, 5::20/25, 6: 40

: G: , F: , W:

: T : Through(2) way D: Divert(3) way..



가  
 15mm 400mm  
 가  
 20mm : 15mm~ 50mm  
 40mm : 65mm~ 150mm  
 50mm : 200mm ~ 400mm

: +160  
 :-15 ,  
 - ( ) ,  
 - ( ) 50%  
 - abs...2Bar  
 - 160  
 - R12,R22,R502,R104,NH3 ( 가 )

: 16Bar(1600kPa)

: Direct: 0.02%,Reverse: 0%

: ISO2084, BS4505

**(Type summary)**
**(Valve bodies)**
**(Actuators)**

DIN	(Type)	Kvs		max. P <sub>v100</sub> in kPa		(N)at max. P <sub>v100</sub> in kPa( )								
mm	(Model)	m <sup>3</sup> /h	K <sub>vs</sub> /K <sub>vr</sub>		mm	400N	600N	900N	1200N	1800N	2400N	4800N	9600N	15000N
15	VTF47.113	0.9	>50	600 780	20	200	300	450						
15	VTF47.114	1.9	>50	600 780	20	200	300	450						
15	VTF47.115	3	>50	600 780	20	200	300	450						
20	VTF47.120	5	>100	600 780	20	200	300	450						
25	VTF47.125	7.5	>100	600 780	20	150	200	340	400	600				
32	VTF47.132	12	>100	600 780	20	150	200	340	400	600	800			
40	VTF47.140	19	>100	600 780	20	150	200	340	400	600	800			
50	VTF47.150	31	>100	600 780	20	150	200	340	400	600	800	1600		
65	VTF47.165	49	>100	350 450	40	125	190	280	380	500	760	1500		
80	VTF47.180	78	>100	250 325	40	100	125	225	250	400	500	1000	2000	
100	VTF47.190	124	>100	150 195	40		100	150	200	300	400	800	1600	
125	VTF47.191	200	>100	100 130	40			100	130	200	260	500	1000	2000
150	VTF47.192	300	>100	70 90	40				100	100	200	400	800	1600
200	VTF47.193	500	>100	50 65	50						100	200	400	800
250	VTF47.194	780	>100	30 50	50							100	200	400
300	VTF47.195	1250	>100	30 50	50								100	200

 \* : 100kPa=1Bar=10mWG | max. P<sub>v100</sub>= 가

 P<sub>v100</sub> = 가

 K<sub>vs</sub> =

 K<sub>vr</sub> = 1Bar

| Pmax = 가

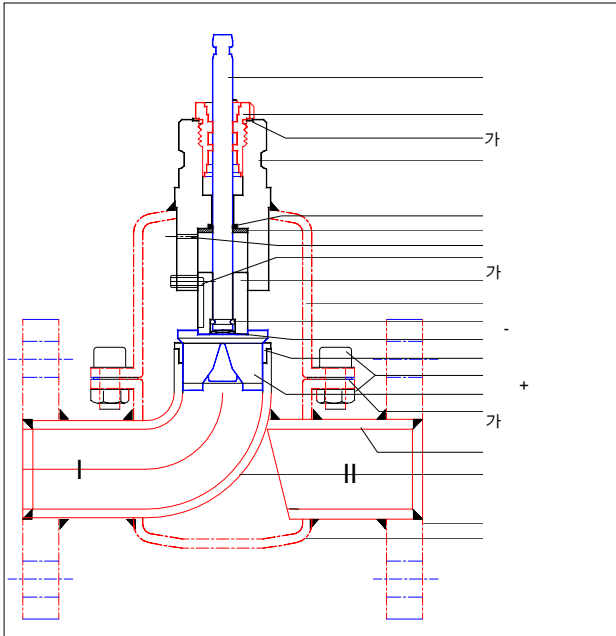
 (m<sup>3</sup>/h)

 (m<sup>3</sup>/h)

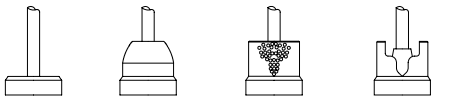
가

-  
-  
-  
가

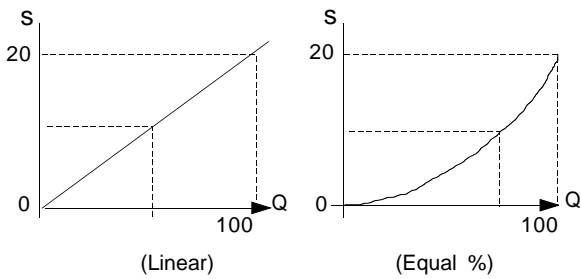
가



( )

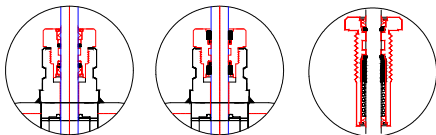


Disk Parabolic Perforated Profiled



( )

가 ( 가 )



a b c d

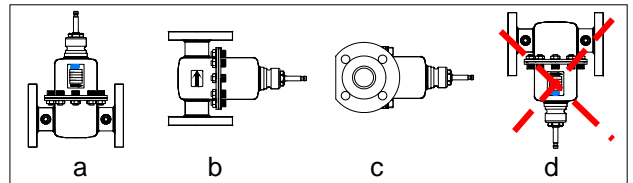
a= b= c= / d=

P4001...

가 가

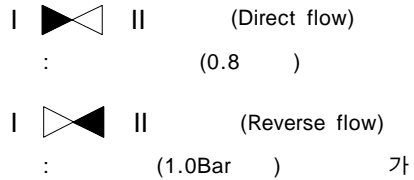
\*

34001..



34000

POLYTEK



a.

b. ( )가

c. ( )

d. 가

b.  $K_v=31$   $K_v=19$

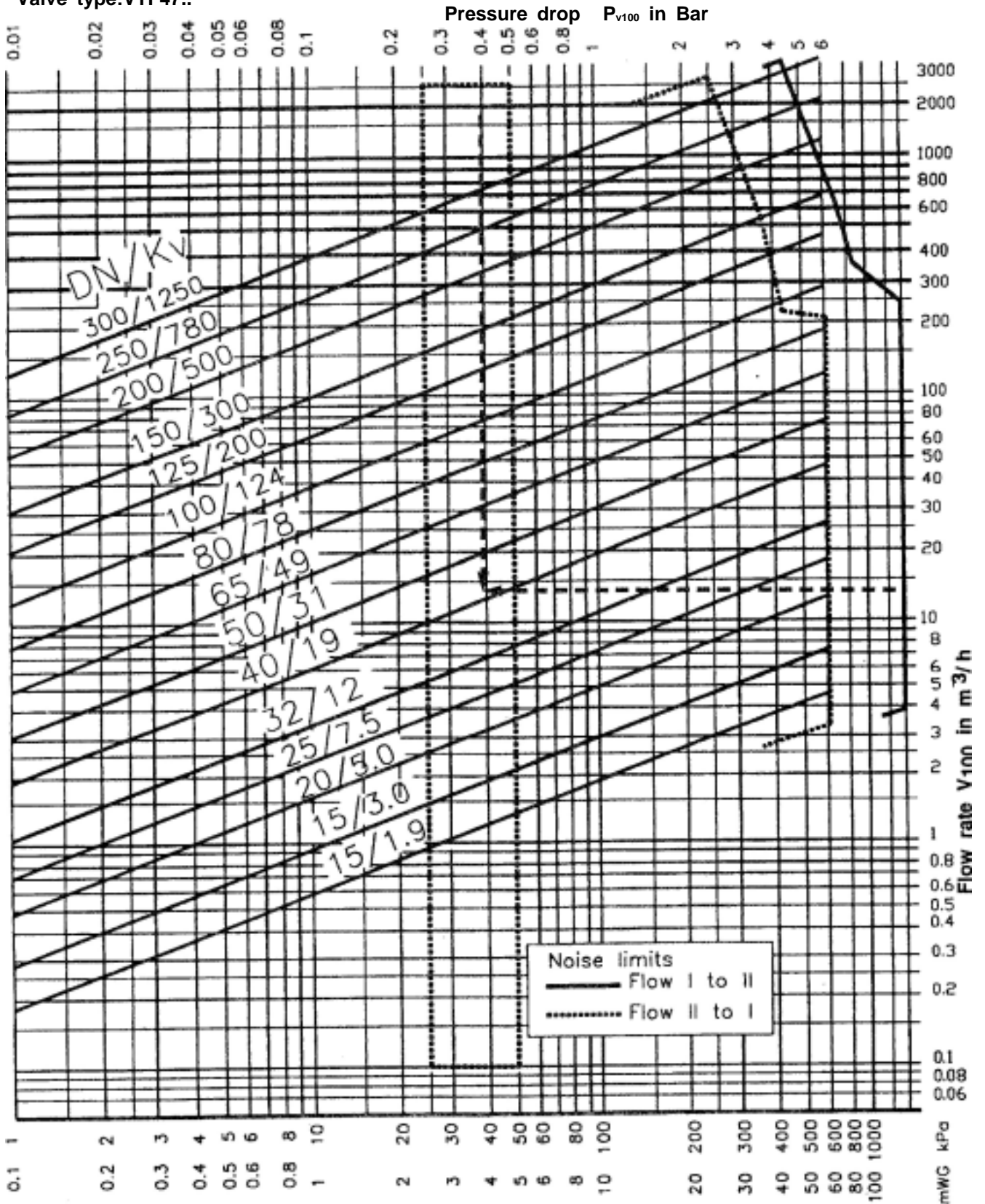
$K_v=19$  DIN40

$P=0.35$  Bar  $K_v=13$

$K_v=19$  :VTF47.140 ;40mm(1-1/4")

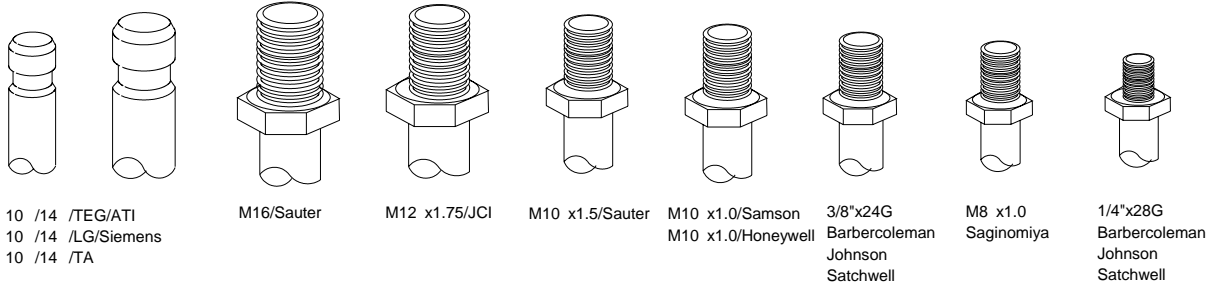
a. P 0.35 Bar 가 13 m<sup>3</sup>/h

Valve type:VTF47..



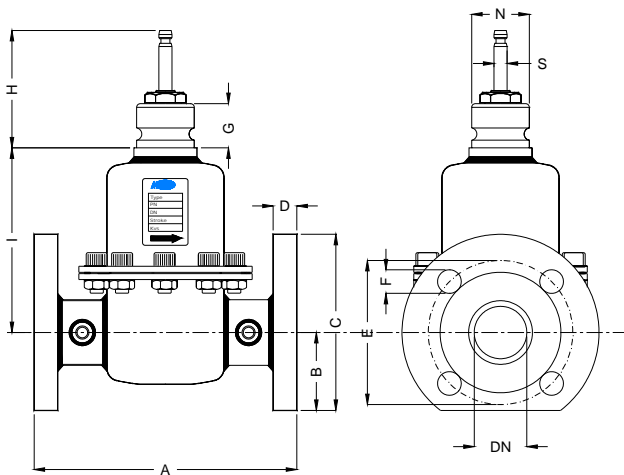
Recommended selection in  $P_{v100} = 0.3$ Bar  
 $1\text{m}^3/\text{h} = 0.278\text{kg/s}$  water at 20

가 가



가

(Dimension)



\* 1000Nf = 100Kf \*

DIN		A	B	C	D	E	F	G				H	I	N				S	Wt Kg	Nf
mm	Inch							AT/SI	HW	JCI	SA			AT/SI	HW	JCI	SA			
15	1/2"	130	50	100	10	20	12x4	34	30	27			44	35	38	10		600		
15	1/2"	130	50	100	10	20	12x4	34	30	27			44	35	38	10		600		
15	1/2"	130	50	100	10	20	12x4	34	30	27			44	35	38	10		600		
20	3/4"	130	50	100	10	20	12x4	34	30	27			44	35	38	10		800		
25	1"	160	80	115	16	20	14x4	34	30	27			44	35	38	10		1200		
32	1 1/4"	200	100	150	18	20	18x4	34	30	39	27		44	35	50-	38	10	1200		
40	1 1/2"	200	100	150	18	20	18x4	34	30	39	27	96	44	35	50	38	10	1800		
50	2"	230	115	165	20	20	18x4	34	30	39	27	96	44	35	50	38	10	2000		
65	2 1/2"	290	145	185	20	40	18x4	34	30	39	41		44	35	50	60	14	2400		
80	3"	310	155	200	22	40	18x8	34	30	39	41		44	35	50	60	14	3000		
100	4"	350	175	220	24	40	18x8	34	30	39	41		44	35	50	60	14	3500		
125	5"	400	200	250	26	40	18x8	34	30	39	41		44	35	50	60	14	4000		
150	6"	480	240	285	26	40	22x8	34	30	39	41		44	35	50	60	14	4500		
200	8"	600	305	345	29	50	22x12	34	30	39	41		44	35	50	60	14	5000		
250	10"	720	370	400	29	50	22x12	34	30	39	41		44	35	50	60	16	6000		
300	12"																	8000		

\* AT/SI=ATI/Siemens, HW=Honeywell, JCI=Johnson, SA=Sauter