BEIJING HUADE	c	RE 20400/12.2004		
HYDRAULIC INDUSTRIAL GROUP CO.,LTD.	Size 6 to 40	up to 31.5 MPa	up to 600L/min	Replaces: RE 20400/05.2001
Features: - Subplate connection - Leakage-free closure in c	one direction		Lane B	
Description,section,syn	nbol			
The check valve type RVP had closing a flow leakfree in one free flow in the opposite direct prises of the housing (1), pop spring (3), and spring seat(4).	direction and to po tion.It basically co	ermit outside dia m- built-in com on movement. (3) holds th	of the poppet (2), whic meter,is limited by a m pression spring (3)sup Furthermore the comp e poppet (2) in the clos is no flow through the	echanical stop. The ports the closing pression spring sed position even
Symb) 		
1. Housing 2.Po	ppet 3. Spring 4.	Spring seat		



(Dimensions in mm)

Unit dimensions

		Z向							
. 0		Р							
		P	-				//////		5 - 4
$\Box \Phi$	(<u> </u>	\square			-	// #.ti		
$ \Psi$		Ψ	$ \Psi $						771
P1	\$	P2 /	5				P1	P2	
	\uparrow \rightarrow	((-	†	Σ z			ΦS	ŧ↑	Z
	\downarrow		\square					1	
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	(♠-—	$-\oplus$	+ +		- + -		_	
$\vdash \Upsilon$		Υ	$-\gamma$	+					
-	H,	-		-					
-		J	-						
-		K					11		
		L					ΦE		
Size			φE	F	н		K		
Size RVP-6	C 11.5	φD 11	фЕ 6.6	F 23	H	J 19	K 41.5	L 46	
RVP-6	11.5	11	6.6	23	H - -	J 19 35	41.5	L 46 67	
					-	19		46	
RVP-6 RVP-8	11.5 13	11 11	6.6 6.6	23 24	-	19 35	41.5 63.5	46 67	
RVP-6 RVP-8 RVP-10	11.5 13 13.5	11 11 11	6.6 6.6 6.6	23 24 27		19 35 33.5	41.5 63.5 70	46 67 74	
RVP-6 RVP-8 RVP-10 RVP-12	11.5 13 13.5 16	11 11 11 11 11	6.6 6.6 6.6 6.6	23 24 27 32		19 35 33.5 38	41.5 63.5 70 80	46 67 74 84	
RVP-6 RVP-8 RVP-10 RVP-12 RVP-16	11.5 13 13.5 16 22.5 26 29	11 11 11 11 11 14	6.6 6.6 6.6 6.6 9	23 24 27 32 45	- - - 38	19 35 33.5 38 76	41.5 63.5 70 80 104	46 67 74 84 109	
RVP-6 RVP-8 RVP-10 RVP-12 RVP-16 RVP-20	11.5 13 13.5 16 22.5 26	11 11 11 11 11 14 14	6.6 6.6 6.6 9 9	23 24 27 32 45 50	- - - 38 47.5	19 35 33.5 38 76 95	41.5 63.5 70 80 104 127	46 67 74 84 109 132	
RVP-6 RVP-8 RVP-10 RVP-12 RVP-16 RVP-20 RVP-25	11.5 13 13.5 16 22.5 26 29	11 11 11 11 14 14 14 18	6.6 6.6 6.6 9 9 9	23 24 27 32 45 50 58 75 100	- - - 38 47.5 60	19 35 33.5 38 76 95 120 143 133.5	41.5 63.5 70 80 104 127 165	46 67 74 84 109 132 170 192 198	
RVP-6 RVP-8 RVP-10 RVP-12 RVP-20 RVP-20 RVP-25 RVP-30 RVP-40 Size	11.5 13 13.5 16 22.5 26 29 37.5	11 11 11 11 14 14 14 18 20	6.6 6.6 6.6 9 9 9 11 14	23 24 27 32 45 50 58 75 100 P	- - - 38 47.5 60 71.5 67 Φ R	19 35 33.5 38 76 95 120 143	41.5 63.5 70 80 104 127 165 186	46 67 74 84 109 132 170 192 198 U	
RVP-6 RVP-8 RVP-10 RVP-12 RVP-20 RVP-20 RVP-30 RVP-30 RVP-40 Size RVP-6	11.5 13 13.5 16 22.5 26 29 37.5 50 M 28.5	11 11 11 11 14 14 14 18 20 20 20 N 41.5	6.6 6.6 6.6 9 9 11 14 14 14 0 0 1.6	23 24 27 32 45 50 58 75 100 P 16	- - - 38 47.5 60 71.5 67 Φ R 6	19 35 33.5 38 76 95 120 143 133.5 Φ S 12.2	41.5 63.5 70 80 104 127 165 186 192 T 16.1	46 67 74 84 109 132 170 192 198 U 8	0.26
RVP-6 RVP-8 RVP-10 RVP-12 RVP-20 RVP-20 RVP-20 RVP-20 Size RVP-6 RVP-8	11.5 13 13.5 16 22.5 26 29 37.5 50 M 28.5 33.5	11 11 11 11 14 14 14 18 20 20 20 N 41.5 46	6.6 6.6 6.6 9 9 11 14 14 14 0 1.6 4.5	23 24 27 32 45 50 58 75 100 P 16 25.5	- - - 38 47.5 60 71.5 67 Φ R 6 8	19 35 33.5 38 76 95 120 143 133.5 Φ S 12.2 13.7	41.5 63.5 70 80 104 127 165 186 192 T 16.1 14.3	46 67 74 84 109 132 170 192 198 U 8 10	0.26
RVP-6 RVP-10 RVP-12 RVP-14 RVP-20 RVP-30 RVP-40 Size RVP-6 RVP-8 RVP-10	11.5 13 13.5 16 22.5 26 29 37.5 50 M 28.5 33.5 38	11 11 11 14 14 14 14 18 20 20 20 N 41.5 46 51	6.6 6.6 6.6 9 9 9 11 14 14 0 1.6 4.5 4	23 24 27 32 45 50 58 75 100 P 16 25.5 25.5	- - - 38 47.5 60 71.5 67 Φ R 6 8 10	19 35 33.5 38 76 95 120 143 133.5 Φ S 12.2 13.7 15.7	41.5 63.5 70 80 104 127 165 186 192 T 16.1 14.3 18.5	46 67 74 84 109 132 170 192 198 U 8 10 7	0.26 0.50 0.80
RVP-6 RVP-10 RVP-12 RVP-14 RVP-20 RVP-30 RVP-30 RVP-40 Size RVP-6 RVP-8 RVP-10 RVP-12	11.5 13 13.5 16 22.5 26 29 37.5 50 M 28.5 33.5 33.5 38 44.5	11 11 11 14 14 14 18 20 20 20 N 41.5 46 51 57.5	6.6 6.6 6.6 9 9 11 14 14 14 0 1.6 4.5 4 4	23 24 27 32 45 50 58 75 100 P 16 25.5 25.5 30	- - - 38 47.5 60 71.5 67 Φ R 6 8 10 13	19 35 33.5 38 76 95 120 143 133.5 Φ S 12.2 13.7 15.7 21.8	41.5 63.5 70 80 104 127 165 186 192 T 16.1 14.3 18.5 21	46 67 74 84 109 132 170 192 198 U 8 10 7 7	0.26 0.50 0.80 1.10
RVP-6 RVP-10 RVP-12 RVP-20 RVP-40 Size RVP-40 Size RVP-6 RVP-8 RVP-10 RVP-12 RVP-16	11.5 13 13.5 16 22.5 26 29 37.5 50 M 28.5 33.5 38 44.5 54	11 11 11 14 14 14 14 18 20 20 20 N 41.5 46 51 57.5 70	6.6 6.6 6.6 9 9 9 11 14 14 0 1.6 4.5 4 4 4	23 24 27 32 45 50 58 75 100 P 16 25.5 25.5 30 54	- - - 38 47.5 60 71.5 67 Φ R 6 8 10 13 17	19 35 33.5 38 76 95 120 143 133.5 Φ S 12.2 13.7 15.7 21.8 24.5	41.5 63.5 70 80 104 127 165 186 192 T 16.1 14.3 18.5 21 16	46 67 74 84 109 132 170 192 198 U 8 10 7 7 7 12	0.26 0.50 0.80 1.10 2.25
RVP-6 RVP-10 RVP-12 RVP-12 RVP-20 RVP-20 RVP-20 RVP-20 RVP-20 RVP-20 RVP-20 RVP-20 RVP-10 Size RVP-6 RVP-10 RVP-12 RVP-16 RVP-16 RVP-10	11.5 13 13.5 16 22.5 26 29 37.5 50 M 28.5 33.5 38 44.5 54 60	11 11 11 14 14 14 14 18 20 20 20 N 41.5 46 51 57.5 70 76.5	6.6 6.6 6.6 9 9 11 14 14 14 0 1.6 4.5 4 4 4 11.4 19	23 24 27 32 45 50 58 75 100 P 16 25.5 25.5 30 54 57	- - - 38 47.5 60 71.5 67 Φ R 6 8 10 13 17 22	$ \begin{array}{r} 19\\ 35\\ 33.5\\ 38\\ 76\\ 95\\ 120\\ 143\\ 133.5\\ \Phi S\\ 12.2\\ 13.7\\ 15.7\\ 21.8\\ 24.5\\ 31.5 \end{array} $	41.5 63.5 70 80 104 127 165 186 192 T 16.1 14.3 18.5 21 16 16	46 67 74 84 109 132 170 192 198 U 8 10 7 7 7 12 12	0.26 0.50 0.80 1.10 2.25 3.90
RVP-6 RVP-10 RVP-12 RVP-12 RVP-20 RVP-30 RVP-40 Size RVP-6 RVP-8 RVP-10 RVP-12 RVP-16 RVP-20 RVP-20	11.5 13 13.5 16 22.5 26 29 37.5 50 M 28.5 33.5 38 44.5 54 60 76	11 11 11 11 14 14 18 20 20 N 41.5 46 51 57.5 70 76.5 100	6.6 6.6 6.6 9 9 11 14 14 14 0 1.6 4.5 4 4 4 11.4 19 20.6	23 24 27 32 45 50 58 75 100 P 16 25.5 25.5 30 54 57 79.5	- - - 38 47.5 60 71.5 67 Φ R 6 8 10 13 17 22 28.5	19 35 33.5 38 76 95 120 143 133.5 Φ S 12.2 13.7 15.7 21.8 24.5 31.5 39.2	41.5 63.5 70 80 104 127 165 186 192 T 16.1 14.3 18.5 21 16 16 16 30	46 67 74 84 109 132 170 192 198 U 8 10 7 7 7 12 12 12 13	0.26 0.50 0.80 1.10 2.25 3.90 6.70
RVP-6 RVP-10 RVP-12 RVP-12 RVP-20 RVP-20 RVP-20 RVP-20 RVP-20 RVP-20 RVP-20 RVP-20 RVP-10 Size RVP-6 RVP-10 RVP-12 RVP-16 RVP-16 RVP-10	11.5 13 13.5 16 22.5 26 29 37.5 50 M 28.5 33.5 38 44.5 54 60	11 11 11 14 14 14 14 18 20 20 20 N 41.5 46 51 57.5 70 76.5	6.6 6.6 6.6 9 9 11 14 14 14 0 1.6 4.5 4 4 4 11.4 19	23 24 27 32 45 50 58 75 100 P 16 25.5 25.5 30 54 57	- - - 38 47.5 60 71.5 67 Φ R 6 8 10 13 17 22	$ \begin{array}{r} 19\\ 35\\ 33.5\\ 38\\ 76\\ 95\\ 120\\ 143\\ 133.5\\ \Phi S\\ 12.2\\ 13.7\\ 15.7\\ 21.8\\ 24.5\\ 31.5 \end{array} $	41.5 63.5 70 80 104 127 165 186 192 T 16.1 14.3 18.5 21 16 16	46 67 74 84 109 132 170 192 198 U 8 10 7 7 7 12 12	0.26 0.50 0.80 1.10 2.25 3.90

HUADE HYDRAULICS

Notice

- 1. The fluid must be filtered. Minimum filter fineness is 20 $\mu m.$
- 2. The tank must be sealing up and an air filter must be installed on air entrance.
- 3. Products without subplate when leaving factory, if need them, please ordering specially.
- 4. Valve fixing screws must be high intensity level (class 10.9). Please select and use them according to the parameter listed in the sample book.
- 5. Roughness of surface linked with the valve is required to $\sqrt[0.8]{}$.
- 6. Surface finish of mating piece is required to 0.01/100mm.