



CARACTERISTICI CONSTRUCTIVE / DESIGN CHARACTERISTICS:

- lungimi de constructie / overall length: EN 558 -1 - S48
- flanse de legatura / connecting flanges: PN 10,16
EN 1092-2; ISO 7005 - 2; DIN 2501
- viteza maxima de curgere pentru lichide /
max. flow speed for liquids: - PN10 - 3 m/s
- PN16 - 4 m/s

**TEMPERATURA MAXIMA/TEMPERATURA MINIMA DE LUCRU-
 TS / MAX. / MIN. WORKING TEMPERATURE - TS :**

- pentru etansare cauciuc / metal / for rubber / metal sealing:
+ 80°C / -10°C pentru / for NBR
+ 120°C / -10°C pentru / for EPDM
- pentru etansare metal / metal / for metal/metal sealing:
+ 300°C / -10°C.

POZ TEM	REPER PART NAME		MATERIAL / MATERIAL		
			TIP TYPE	SIMBOL SYMBOL	
1,5	Corp Capac Body Bonnet	DN≤250	fonta cenusie cast iron	EN-GJL-250	
			fonta nodulara * ductile iron *	EN-GJS-500-7	
		DN≥ 300	PN10	fonta cenusie cast iron	EN-GJL-250
			PN16	fonta nodulara * ductile iron *	EN-GJS-500-7
2	Clapa Disc	DN≤150	fonta cenusie cast iron	EN-GJL-250	
		DN≥200	fonta nodulara ductile iron	EN-GJS-500-7	
3	Brat Arm	DN≤400	otel carbon carbon steel	OL50	
		DN≥500	fonta nodulara ductile iron	EN-GJS-500-7	
4	Ax Shaft		otel turnat cast steel	WCB	
6	Inel etansare corp Body seat ring	DN50 ÷ 800	inox min. 11.5%Cr min.11.5%Cr stainless steel	-	
		DN50 ÷ 400	aliaj Cu copper alloy	-	
7	Inel etansare clapa Disc seat ring	DN50 ÷ 800	aliaj Cu copper alloy	-	
		DN50 ÷ 400	inox min.11.5%Cr min.11.5%Cr stainless steel	-	
	Garnituri / Gaskets		cauciuc rubber	-	
	Organe de asamblare/ Bolting		placa fara azbest asbestos free sheet	-	
			otel carbon/carbon steel	-	

* la cerere / on request

PRESIUNE - TEMPERATURA, RATING / PRESSURE - TEMPERATURE, RATING:

Presiunea maxima de lucru - PS [bar] Max. working pressure- PS [bar]	PN10	10	8	6
	PN16	16	12.8	9.6
Temperatura maxima de lucru [°C] Max. working temperature [°C]	TS	120	200	300
Temperatura minima de lucru [°C] Min. working temperature [°C]		-10		

NOTA : - montajul in instalatie va respecta sensul unic de curgere marcat pe corp;

NOTE : When mounting, observe the unique flow direction marked with arrow on body;

(dimensiuni in mm / dimensions in mm)

DN	L	H	d		Masa neta / Net weight ≈ (kg)		ε Coeficient de pierdere de sarcina / Head loss factor
			PN10	PN16	PN10	PN16	
50	200	117	165		10		3.9
65	240	122	185		13.5		4
80	260	140	200		16.2		4.7
100	300	156	220		23.5		4.9
125	350	174	250		31		5.2
150	400	188	285		45.5		5.8
200*	500	211	340		70.5		6
250*	600	240	405		113		5.5
300	700	315	445	455	195	196	3.2
350	800	380	505	520	313	315	3.5
400	900	415	565	580	434	436	
500	1100	765	670	715	**	**	**
600	1300	825	780	840	**	**	**
700	1500	798	895	910	**	**	**
800	1700	865	1015	1025	**	**	**

* - la cerere se livreaza cu flanse gaurite PN10 / on request, flanges can be drilled PN10

** - robinetele cu DN≥500 se livreaza numai in varianta cu contragreutate si amortizor pag. 3R / valves with DN≥500 are available only in the counterweight and damper design - page 3R

Pentru confirmare va rugam folositi fisa tehnica contractuala / For confirmation, please use the technical sheet of agreement FTC5