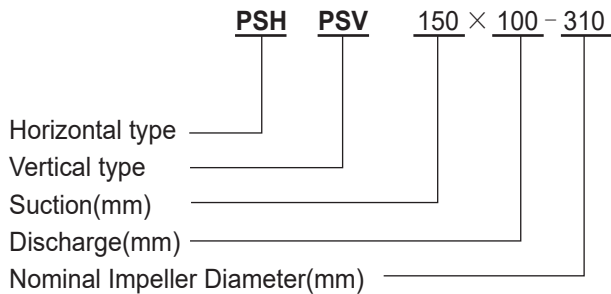


PSH / PSV SERIES
Single Stage Double Suction Split Casig Centrifugal Pump



Mode Code



Applications

Waterworks, Fire fighting systems, Irrigation, Air-Conditioning Systems, Drainage pumping stations, Power stations, Industrial water supply systems, marine applications as well as general applications in refineries

Operating Data

Pump Size: DN80 up to DN350
Flow: Q up to 800 l/s
Heads: H up to 170m
Pressure: P up to 25 bar
Temperature: T up to 105°C

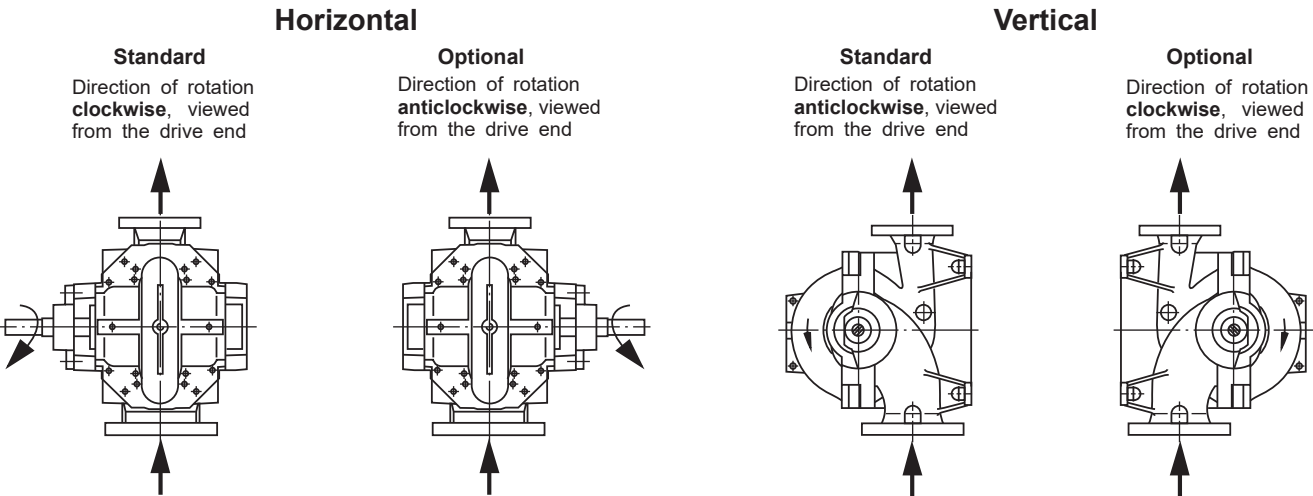
Design

Single stage, axially split volute casing pump with double-entry radial impeller, for horizontal or vertical installation, Installation of the horizontal drive either on the left or right side of the pump(optional)

Pump Material

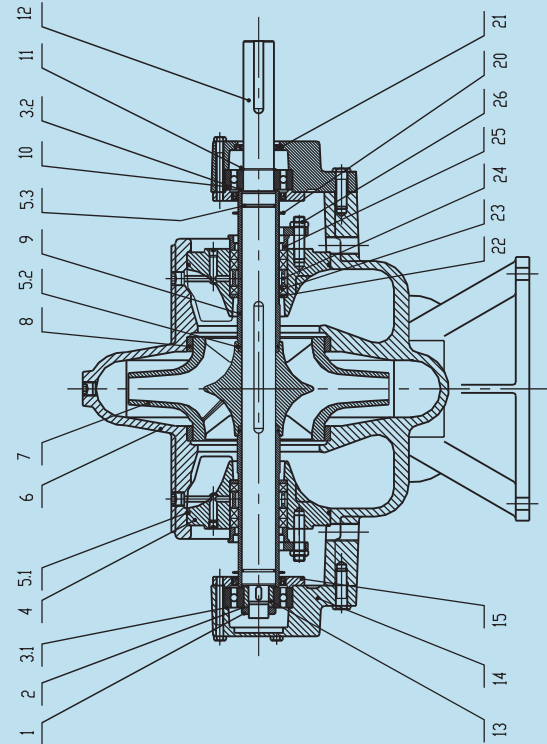
Volute Casing: Cast iron standard. Dutile iron optional
Impeller: Cast iron / 304SS standard, bronze / 316SS optional
Shaft: 420SS standard, CS45 / 304SS / 316SS optional
Shaft Seal: Mechanical seal or Gland packing

Direction of rotation/flow direction

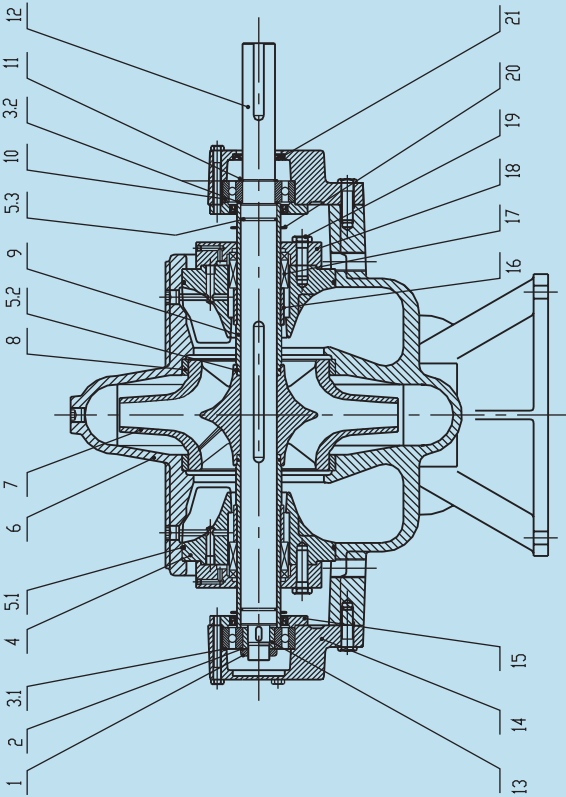


PSH / PSV SERIES
Single Stage Double Suction Split Casig Centrifugal Pump

General drawing(Gland Packing)



General drawing(Mechanical seal)



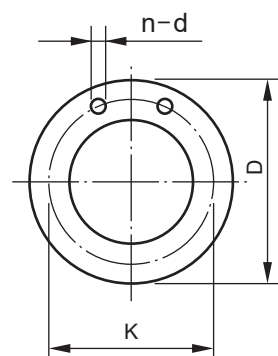
Parts Name & Code

1	2	3.1	4	5.1	6	7	8	5.2	9
Nut	Diaphragm spring	Washer	Shaft seal housing	O-ring	Casing	Impeller	Casing wear ring	O-ring	Shaft sleeve
5.3	10	3.2	11	12	13	14	15	16	17
O-ring	Bearing	Washer	Circlip	Shaft	Shaft sleeve	Bearing housing	Bearing cover	Spacer sleeve	Mechanical seal
18	19	20	21	22	23	24	25	26	
Seal cover	Bolt	Slinger	Radial shaft seal ring	Packing pressing ring	Gland packing	Packing ring	Gland cover	Stud	



The image contains two technical drawings of a centrifugal pump. The left drawing is a front view showing the pump's profile with dimensions a_2 , a_1 , h_3 , h_2 , DN_2 , s , d_2 , n_4 , n_3 , n_2 , n_1 , b_1 , DN_1 , and h_1 . The right drawing is a side view showing the pump's side profile with dimensions l_3 , l_2 , f , l_1 , d_1 , Out , m_2 , and m_1 .

PUMP SIZE	SHAFT SIZE	FLANGE DIMENSIONS		PUMP DIMENSIONS									FOOT DIMENSIONS										SHAFT		WEIGHT (KGS)
		DN1	DN2	a1	a2	f	h1	h2	h3	l2	l3	b1	d2	m1	m2	n1	n2	n3	n4	s	d1	l1			
125×80-210	40	125	80	300	300	415	315	140	168	300	715	70	17.5	320	270	205	205	170	170	20	35	80	185		
125×80-270				190	195				210																
125×80-370				225	205																				
150×100-250	40	150	100	330	330	415	355	170	195	300	715	70	17.5	320	270	235	235	200	200	20	35	80	210		
150×100-310				225	225				225																
150×100-375				260	245																				
200×125-230	50	200	125	370	370	515	400	200	210	366	881	70	17.5	390	340	260	260	225	225	20	45	100	250		
200×125-290									230														275		
200×125-365									260														300		
200×125-500				305	335																				
200×150-290				245	350																				
200×150-360	50	200	150	400	400	515	400	200	265	366	881	70	17.5	390	340	260	260	225	225	20	45	100	460		
200×150-460	450			450	590	305			399	989	315					315	280	280	440						
200×150-605	600			600	500	300			370	385	385					350	350	650							
250×200-320	450			450	590	500			240	285	399					989	315	315	280				280	450	
250×200-420	60	250	200	500	500	655	560	300	310	464	1119	70	17.5	480	430	385	385	350	350	20	55	125	520		
250×200-520	600			600	430				400							840									
250×200-670	650			550	600				350							430	400	400	350				350	990	
300×250-370	70			500	500				655							600	300	320	464				1119	100	22
300×250-480	80	300	250	550	550	730	630	350	355	515	1245	100	22	600	520	400	400	350	350	26	75	160	830		
300×250-600				650	630	415			415	1215															
350×300-300	70	350	300	550	500	655	630	300	360	464	1119	100	22	480	400	400	400	400	350	350	26	65	140	630	
400×300-435	80	400	300	650	550	730	670	350	365	515	1245						75	160	905						
400×300-560	700			650	810	710	350	430	585	1395	85						180	1425							
400×300-700	90			750	750	400	480	480	480	480	480						1690								
400×350-360	80	400	350	650	550	730	670	350	410	515	1245	100	22	600	520	400	400	350	350	26	75	160	865		
450×350-430	90	450		750	650	810	750	400	465	585	1395					525	525	475	475		1285				
400×350-510		400		700	650	810	750	400	420	420	420					1395									



DN	DN 80	DN 100	DN 125	DN 150	DN 200	DN 250	DN 300	DN 350	DN 400	DN 450
K	160	180	210	240	295	355	410	470	525	585
D	200	220	250	285	340	405	460	520	580	640
n-d	8×17.5	8×17.5	8×17.5	8×22	12×22	12×26	12×26	16×26	16×30	20×30



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