

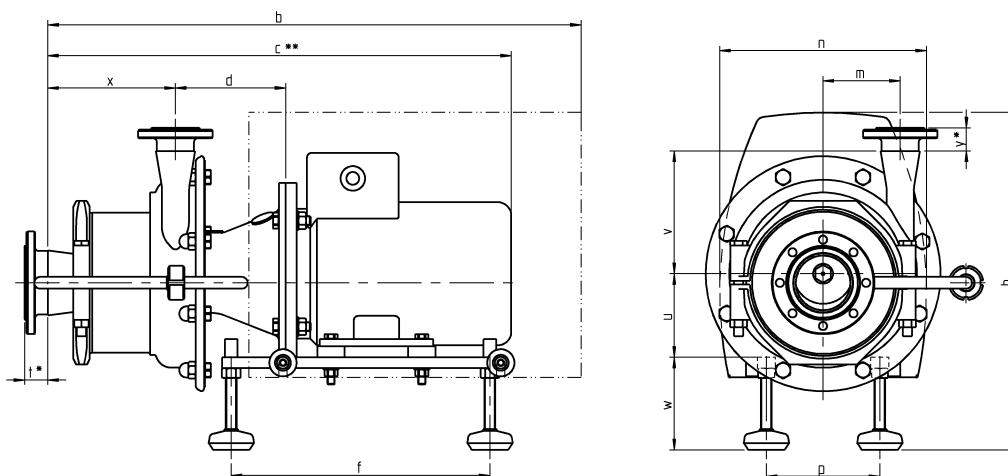
Standard version, centrifugal pump, type TPS 3050, 2-pole ($n=3.500 \text{ min}^{-1}$), 60 Hz



Materials	Pump housing, 316L (1.4404), deep-drawn impeller, 316L (1.4409), precision casting
Connections	DIN 11864-2 aseptic grooved flange (flange connection optional)
Nominal width of connections	Suction port (SS), DN 65; Pressure port (DS), DN 50
Mechanical seal	Single-acting, material C / SIC / EPDM
Static seals	EPDM (FDA, USP Class VI)
Equipment	Stainless steel protection hood and base frame with height-adjustable calotte-type feet
Motor	Standard IEC motor, 3-phase 460V/±5%, IM B35, IP55, ISO class F, incl. thermistor, IE2
Documentation	Operating instructions, declaration of conformity
Flow rate	max. 69 m³/h
Pump head	max. 95 m w.c.
Housing pressure	max. 16 bar

Code	T	P	S	3	0	5	0	2	6	0					D	N	B	F	K	0	6	5	0	5	0	E	K	E	-	1	-	J	J	-	
Position				1				2	3		4		5		6		7		8		9		10	11	12	13	14	15	16	17					

Example	Pos	Designation	Code of selection characteristics				Price
TPS3050	1.	Type	TPS 3050				
2	2.	Speed	2 = 2 pole				
60	3.	Frequency	60 = 60 Hz				
140	4.	Impeller	140 = 140 mm	150 = 150 mm	160 = 160 mm	170 = 170 mm	
			175 = 175 mm	180 = 180 mm	185 = 185 mm	190 = 190 mm	
			195 = 195 mm	200 = 200 mm	205 = 205 mm	210 = 210 mm	
036	5.	Motor power	036 = 3,6 kW (BG 100L)				5.915,00
			045 = 4,5 kW (BG 112M)				6.044,00
			063 = 6,3 kW (BG 132S)				6.683,00
			086 = 8,6 kW (BG 132S)				6.901,00
			110 = 11,0 kW (BG 132M)				7.075,00
			125 = 12,5 kW (BG 132M)				7.837,00
			170 = 17,0 kW (BG 160M)				8.474,00
			212 = 21,2 kW (BG 160L)				8.900,00
			250 = 25,0 kW (BG 160L)				9.672,00



TPS 3050 Motor size	b	c**	d	f	h	m	n	p	t*	u	v	w	x	y*
100L / 112M	722/729	617/624	134	335	404	103	277	160/190	25,5	89,5/101,5	165,5	85	161,5	25,5
132S / 132M	791	680/740	154	410	434	103	332	216	25,5	121,5	165,5	85	161,5	25,5
160M / 160L	1004	848/893	189	640	598	103	408	254	25,5	149,5	165,5	110	161,5	25,5

(*) Dimensions t and y only apply to the aseptic grooved flange acc. to DIN 11864-2 for the relevant standard nominal width

(**) Dimension c refers to our standard motors

All dimensions in mm

Standard											D	N	B	F	K	-	-	-			-	E	K	E	-	1	-	J	J	-
Options																														
Position	1				2	3	4			5	6	7	8			9			10	11	12	13	14	15	16	17				

Example	Pos	Designation	Code of selection characteristics					Surcharge
	6.	Nominal width standard	DN = DIN 11850 OD = Zoll OD					
				DN 40, 50, 65, 80,	DN 100	DN 125, 150	OD 1,5", 2" 2,5", 3"	OD 4"
GSK	7.	Connection type *1)	BFK = Aseptic grooved flange DIN 11864-2 (standard)	0,00	0,00	0,00	*2)	*2)
			ASK = Aseptic flange connection DIN 11864-2, cpl.	76,00	108,00	185,00	*2)	*2)
			GO = Male part DIN 11851	-35,00	-40,00	-40,00	*2)	*2)
			GK = Pipe connection DIN 11851, cpl.	22,00	56,00	324,00	*2)	*2)
			TN = VARIVENT® grooved flange	-9,00	-4,00	116,00	73,00	198,00
			TK = VARIVENT® flange connection	46,00	73,00	272,00	128,00	278,00
			GSK = Aseptic male part DIN 11864-1	20,00	30,00	*2)	*2)	*2)
			AVK = Aseptic union DIN 11864-1, cpl.	135,00	176,00	*2)	*2)	*2)
			CO = TRI – Clamp analogous to DIN3276 / ISO2852	in DN not available			46,00	157,00
			SMG = SMS male part	in DN not available			62,00	226,00
			SMK = SMS connection cpl.	in DN not available			113,00	391,00
	8.	Connection sizes suction side (SS)	040 = DN 40 112 = 1,5" OD TP 1020					60,00
			050 = DN 50 200 = 2" OD TP 1020 TP 2050					60,00
			065 = DN 65 212 = 2,5" OD TP 2030 TP 3050					60,00
				TP 1540 TP 2575 TP 7060				
			080 = DN 80 300 = 3" OD TP 2030 TP 3050 TPS 2030					60,00
				TP 2050 TP 5060 TPS 3050				
			100 = DN 100 400 = 4" OD TP 8080 TP 16040					60,00
			125 = DN 125 TP 16040					60,00
150 = DN 150 TP 16040					60,00			
	9.	Connection sizes Pressure side (DS)	040 = DN 40 112 = 1,5" OD TP 1020 TP 2030					60,00
			TP 1540 TPS 2030 TP 2575					
			050 = DN 50 200 = 2" OD TP 2030 TP 2575 TPS 2030					60,00
			TP 2050 TP 3050 TPS 3050					
			065 = DN 65 212 = 2,5" OD TP 5060 TP 7060 TP 8080					60,00
			100 = DN 100 400 = 4" OD TP 16040					60,00

*1) Prices for TP 16040 on request

*2) Versions available on request

Options