

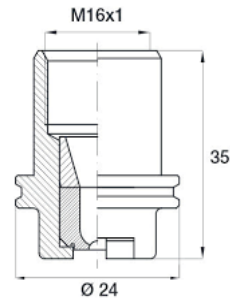
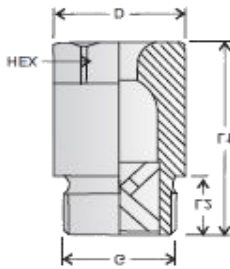
# FLAT SPRAY NOZZLE



## APPLICATION

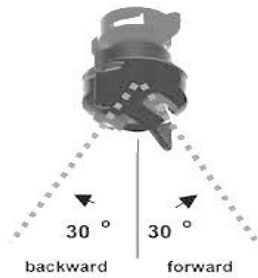
- ❖ CAR WASHING NOZZLE
- ❖ DEGREASING NOZZLE
- ❖ METAL CLEANING NOZZLE
- ❖ PHOSPHATE COATING NOZZLE
- ❖ SAND, COAL AND GRAVEL WASH NOZZLE
- ❖ ROLL COOLING NOZZLE
- ❖ SCALE BREAKING NOZZLE
- ❖ DESCALING NOZZLE
- ❖ DUST CONTROL NOZZLE
- ❖ MOULD COOLING NOZZLE





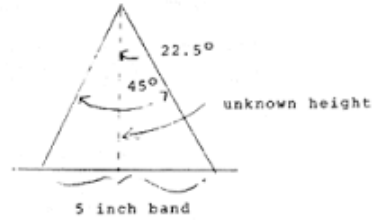
## FLAT SPRAY NOZZLE TECHNICAL SPECIFICATION

MODEL NO	END CONNECTION							FLOW RATE							MATERIAL CODE			
Ø SPRAY ANGLE	1/8	1/4	3/8	1/2	3/4	1	FLOW CAPACITY								SS 304/SS 316	BRASS	PVC	
							IN GPM	PRESSURE IN BAR							G.A DRG mm			
P-0.7-0	●						40 psi	0.5	1	2	3	5	7	10	Y	Y1	D	HEX
P-0.7-1	●						0.31	0.5	0.71	1	1.22	1.58	1.87	2.24	YA			
P-0.7-2	●						0.46	0.75	1.06	1.50	1.84	2.37	2.80	3.35	18	6.5	11	12
P-0.7-3	●						0.54	0.87	1.24	1.75	2.15	2.77	3.28	3.92	WEIGHT(MATERIAL)=000.GRMS.APPROX			
P-0.7-4	●						0.61	1	1.41	2	2.44	3.15	3.73	4.46				
P-0.7-5	●	●					0.77	1.25	1.77	2.50	3.07	3.96	4.68	5.60				
P-0.7-6	●	●					1.07	1.75	2.47	3.49	4.28	5.52	6.54	7.81	YB			
P-0.7-7		●					1.23	2	2.83	4.00	4.90	6.33	7.49	8.95	22	10	13	14
P-0.7-8		●					1.46	2.37	3.36	4.75	5.82	7.51	8.89	7.49	WEIGHT(MATERIAL)=000.GRMS.APPROX			
P-0.7-9		●	●				1.99	3.25	4.6	6.51	3.59	10.29	12.17	14.55				
P-0.7-10		●	●				2.45	4	5.66	8.00	9.80	12.66	14.97	17.9				
P-0.7-11		●	●				3.07	5	7.07	12.25	12.25	15.81	18.71	10.58	YC			
P-0.7-12		●	●				3.83	6.25	8.84	12.5	15.31	19.77	23.39	27.95	25	10	16	17
P-0.7-13		●	●				4.9	8	11.31	15.99	15.99	25.29	29.92	35.77	WEIGHT(MATERIAL)=000.GRMS.APPROX			
P-0.7-14		●	●				6.13	10	14.14	20	24.49	31.62	37.41	44.71				
P-0.7-15		●	●	●			6.9	11.25	15.91	22.5	27.56	35.58	42.09	50.31				
P-0.7-16			●	●	●		7.66	12.5	17.68	25	30.62	39.53	46.78	55.91	YD			
P-0.7-17			●	●	●		9.81	16	22.63	32	39.2	50.6	59.87	71.56	32	13	21	22
P-0.7-18			●	●	●		12.26	20	28.28	39.99	48.98	63.24	38.67	89.43	WEIGHT(MATERIAL)=000.GRMS.APPROX			



## FLAT SPRAY NOZZLE 30 DEG ANG TECHNICAL SPECIFICATION

MODEL NO	END CONNECTION						FLOW RATE IN LPM AT DIFFERENT VALUES								MATERIAL CODE				
	0.125	0.25	0.375	0.5	0.75	1	FLOW CAPACITY									SS 304/SS 316		BRASS	PVC
								IN GPM	PRESSURE IN BAR							G.A DRG mm			
P-0.7	●						40 psi	0.5	1	2	3	5	7	10	Y	Y1	D	HEX	
P-0.7	●						0.31	0.5	0.71	1	1.22	1.58	1.87	2.24	YA				
P-1.06	●						0.46	0.75	1.06	1.499	1.836	2.37	2.804	3.352	18	6.5	11	12	
P-1.24	●						0.54	0.87	1.24	1.754	2.148	2.773	3.281	3.921	WEIGHT(MATERIAL)=000.GRMS.APPROX				
P-1.41	●						0.61	1	1.41	1.994	2.442	3.153	3.731	4.459					
P-1.77	●	●					0.77	1.25	1.77	2.503	3.066	3.958	4.683	5.597					
P-2.47	●	●					1.07	1.75	2.47	3.493	4.278	5.523	6.535	7.811	YB				
P-2.83		●					1.23	2	2.83	4.002	4.902	6.328	7.487	8.949	22	10	13	14	
P-3.36		●					1.46	2.37	3.36	4.752	5.82	7.513	8.89	7.495	WEIGHT(MATERIAL)=000.GRMS.APPROX				
P-4.6		●	●				1.99	3.25	4.6	6.505	3.59	10.29	12.17	14.55					
P-5.66		●	●				2.45	4	5.66	8.004	9.803	12.66	14.97	17.9					
P-7.07		●	●				3.07	5	7.07	12.25	12.25	15.81	18.71	10.58	YC				
P-8.84		●	●				3.83	6.25	8.84	12.5	15.31	19.77	23.39	27.95	25	10	16	17	
P-11.31		●	●				4.9	8	11.31	15.99	15.99	25.29	29.92	35.77	WEIGHT(MATERIAL)=000.GRMS.APPROX				
P-14.14		●	●				6.13	10	14.14	20	24.49	31.62	37.41	44.71					
P-15.91		●	●	●			6.9	11.25	15.91	22.5	27.56	35.58	42.09	50.31					
P-17.68			●	●	●		7.66	12.5	17.68	25	30.62	39.53	46.78	55.91	YD				
P-22.63			●	●	●		9.81	16	22.63	32	39.2	50.6	59.87	71.56	32	13	21	22	
P-28.28			●	●	●		12.26	20	28.28	39.99	48.98	63.24	38.67	89.43	WEIGHT(MATERIAL)=000.GRMS.APPROX				
P-36.77				●	●	●	15.94	26	36.77	52	63.69	82.22	97.28	116.3					
P-45.96				●	●	●	19.92	32.5	45.96	65	79.61	102.8	121.6	145.3	YE				
P-50.91				●	●	●	22.07	36	50.91	72	88.18	113.8	134.7	161	WEIGHT(MATERIAL)=000.GRMS.APPROX				
P-56.57				●	●	●	24.52	40	56.57	80	97.98	126.5	149.7	178.9	42	15	32	27	
P-71.71					●	●	30.65	50	71.71	101.4	124.2	160.3	189.7	226.8	WEIGHT(MATERIAL)=000.GRMS.APPROX				
P-83.44					●	●	36.17	59	83.44	118	144.5	186.6	220.8	263.9	YF				
P-91.92					●	●	39.85	65	91.92	130	159.2	205.5	243.2	290.7	56	18	36	39	
P-113.14						●	49.05	80	113.1	160	196	253	299.3	357.8	WEIGHT(MATERIAL)=000.GRMS.APPROX				
P-114.14						●	61.31	100	141.4	200	244.9	316.2	374.2	447.2					



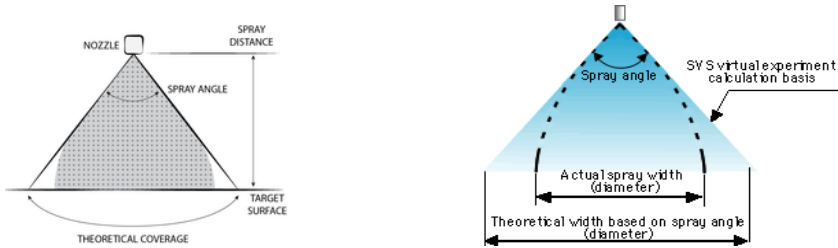
## FLAT SPRAY NOZZLE 45 DEG ANG TECHNICAL SPECIFICATION

MODEL NO	END CONNECTION						FLOW RATE IN LPM AT DIFFERENT VALUES							MATERIAL CODE				
	ANGLE	0.125	0.25	0.375	0.5	0.75	1	FLOW CAPACITY	PRESSURE IN BAR						SS 304/SS 316	BRASS	PVC	
							IN GPM	G.A DRG mm										
P-0.7	●						40 psi	0.5	1	2	3	5	7	10	Y	Y1	D	HEX
P-0.7	●						0.31	0.5	0.71	1	1.22	1.58	1.87	2.24	YA			
P-1.06	●						0.46	0.75	1.06	1.499	1.836	2.37	2.804	3.352	18	6.5	11	12
P-1.24	●						0.54	0.87	1.24	1.754	2.148	2.773	3.281	3.921	WEIGHT(MATERIAL)=000.GRMS.APPROX			
P-1.41	●						0.61	1	1.41	1.994	2.442	3.153	3.731	4.459				
P-1.77	●	●					0.77	1.25	1.77	2.503	3.066	3.958	4.683	5.597				
P-2.47	●	●					1.07	1.75	2.47	3.493	4.278	5.523	6.535	7.811	YB			
P-2.83		●					1.23	2	2.83	4.002	4.902	6.328	7.487	8.949	22	10	13	14
P-3.36		●					1.46	2.37	3.36	4.752	5.82	7.513	8.89	7.495	WEIGHT(MATERIAL)=000.GRMS.APPROX			
P-4.6		●	●				1.99	3.25	4.6	6.505	3.59	10.29	12.17	14.55				
P-5.66		●	●				2.45	4	5.66	8.004	9.803	12.66	14.97	17.9				
P-7.07		●	●				3.07	5	7.07	12.25	12.25	15.81	18.71	10.58	YC			
P-8.84		●	●				3.83	6.25	8.84	12.5	15.31	19.77	23.39	27.95	25	10	16	17
P-11.31		●	●				4.9	8	11.31	15.99	15.99	25.29	29.92	35.77	WEIGHT(MATERIAL)=000.GRMS.APPROX			
P-14.14		●	●				6.13	10	14.14	20	24.49	31.62	37.41	44.71				
P-15.91		●	●	●			6.9	11.25	15.91	22.5	27.56	35.58	42.09	50.31				
P-17.68			●	●	●		7.66	12.5	17.68	25	30.62	39.53	46.78	55.91	YD			
P-22.63			●	●	●		9.81	16	22.63	32	39.2	50.6	59.87	71.56	32	13	21	22
P-28.28			●	●	●		12.26	20	28.28	39.99	48.98	63.24	38.67	89.43	WEIGHT(MATERIAL)=000.GRMS.APPROX			
P-36.77				●	●	●	15.94	26	36.77	52	63.69	82.22	97.28	116.3				
P-45.96				●	●	●	19.92	32.5	45.96	65	79.61	102.8	121.6	145.3	YE			
P-50.91				●	●	●	22.07	36	50.91	72	88.18	113.8	134.7	161	WEIGHT(MATERIAL)=000.GRMS.APPROX			
P-56.57				●	●	●	24.52	40	56.57	80	97.98	126.5	149.7	178.9	42	15	32	27
P-71.71					●	●	30.65	50	71.71	101.4	124.2	160.3	189.7	226.8	WEIGHT(MATERIAL)=000.GRMS.APPROX			
P-83.44					●	●	36.17	59	83.44	118	144.5	186.6	220.8	263.9	YF			
P-91.92					●	●	39.85	65	91.92	130	159.2	205.5	243.2	290.7	56	18	36	39
P-113.14						●	49.05	80	113.1	160	196	253	299.3	357.8	WEIGHT(MATERIAL)=000.GRMS.APPROX			
P-114.14						●	61.31	100	141.4	200	244.9	316.2	374.2	447.2				



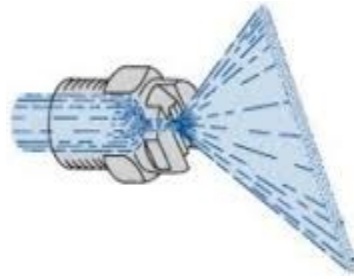
## FLAT SPRAY NOZZLE 60 DEG ANG TECHNICAL SPECIFICATION

MODEL NO	END CONNECTION						FLOW RATE IN LPM AT DIFFERENT VALUES						MATERIAL CODE					
	0.125	0.25	0.375	0.5	0.75	1	FLOW CAPACITY							SS 304/SS 316	BRASS	PVC		
60 DEG SPRAY ANGLE							IN GPM	PRESSURE IN BAR						G.A DRG mm				
							40 psi	0.5	1	2	3	5	7	10	Y	Y1	D	HEX
P-0.7	●						0.31	0.5	0.71	1	1.22	1.58	1.87	2.24	YA			
P-1.06	●						0.46	0.75	1.06	1.499	1.836	2.37	2.804	3.352	18	6.5	11	12
P-1.24	●						0.54	0.87	1.24	1.754	2.148	2.773	3.281	3.921	WEIGHT(MATERIAL)=000.GRMS.APPROX			
P-1.41	●						0.61	1	1.41	1.994	2.442	3.153	3.731	4.459				
P-1.77	●	●					0.77	1.25	1.77	2.503	3.066	3.958	4.683	5.597				
P-2.47	●	●					1.07	1.75	2.47	3.493	4.278	5.523	6.535	7.811	YB			
P-2.83		●					1.23	2	2.83	4.002	4.902	6.328	7.487	8.949	22	10	13	14
P-3.36		●					1.46	2.37	3.36	4.752	5.82	7.513	8.89	7.495	WEIGHT(MATERIAL)=000.GRMS.APPROX			
P-4.6	●	●					1.99	3.25	4.6	6.505	3.59	10.29	12.17	14.55				
P-5.66		●	●				2.45	4	5.66	8.004	9.803	12.66	14.97	17.9				
P-7.07		●	●				3.07	5	7.07	12.25	12.25	15.81	18.71	10.58	YC			
P-8.84		●	●				3.83	6.25	8.84	12.5	15.31	19.77	23.39	27.95	25	10	16	17
P-11.31		●	●				4.9	8	11.31	15.99	15.99	25.29	29.92	35.77	WEIGHT(MATERIAL)=000.GRMS.APPROX			
P-14.14		●	●				6.13	10	14.14	20	24.49	31.62	37.41	44.71				
P-15.91		●	●	●			6.9	11.25	15.91	22.5	27.56	35.58	42.09	50.31				
P-17.68			●	●	●		7.66	12.5	17.68	25	30.62	39.53	46.78	55.91	YD			
P-22.63			●	●	●		9.81	16	22.63	32	39.2	50.6	59.87	71.56	32	13	21	22
P-28.28			●	●	●		12.26	20	28.28	39.99	48.98	63.24	38.67	89.43	WEIGHT(MATERIAL)=000.GRMS.APPROX			
P-36.77				●	●	●	15.94	26	36.77	52	63.69	82.22	97.28	116.3				
P-45.96				●	●	●	19.92	32.5	45.96	65	79.61	102.8	121.6	145.3	YE			
P-50.91				●	●	●	22.07	36	50.91	72	88.18	113.8	134.7	161	WEIGHT(MATERIAL)=000.GRMS.APPROX			
P-56.57				●	●	●	24.52	40	56.57	80	97.98	126.5	149.7	178.9	42	15	32	27
P-71.71				●	●		30.65	50	71.71	101.4	124.2	160.3	189.7	226.8	WEIGHT(MATERIAL)=000.GRMS.APPROX			
P-83.44				●	●		36.17	59	83.44	118	144.5	186.6	220.8	263.9	YF			
P-91.92				●	●		39.85	65	91.92	130	159.2	205.5	243.2	290.7	56	18	36	39
P-113.14					●		49.05	80	113.1	160	196	253	299.3	357.8	WEIGHT(MATERIAL)=000.GRMS.APPROX			
P-114.14					●		61.31	100	141.4	200	244.9	316.2	374.2	447.2				



## FLAT SPRAY NOZZLE 90 DEG ANG TECHNICAL SPECIFICATION

MODEL NO	END CONNECTION						FLOW RATE IN LPM AT DIFFERENT VALUES							MATERIAL CODE				
	0.125	0.25	0.375	0.5	0.75	1	FLOW CAPACITY	PRESSURE IN BAR						SS 304/SS 316		BRASS	PVC	
90 DEG SPRAY ANGLE							IN GPM	G.A DRG mm										
P-0.7	●						40 psi	0.5	1	2	3	5	7	10	Y	Y1	D	HEX
P-0.7	●						0.31	0.5	0.71	1	1.22	1.58	1.87	2.24	YA			
P-1.06	●						0.46	0.75	1.06	1.499	1.836	2.37	2.804	3.352	18	6.5	11	12
P-1.24	●						0.54	0.87	1.24	1.754	2.148	2.773	3.281	3.921	WEIGHT(MATERIAL)=000.GRMS.APPROX			
P-1.41	●						0.61	1	1.41	1.994	2.442	3.153	3.731	4.459				
P-1.77	●	●					0.77	1.25	1.77	2.503	3.066	3.958	4.683	5.597				
P-2.47	●	●					1.07	1.75	2.47	3.493	4.278	5.523	6.535	7.811	YB			
P-2.83		●					1.23	2	2.83	4.002	4.902	6.328	7.487	8.949	22	10	13	14
P-3.36		●					1.46	2.37	3.36	4.752	5.82	7.513	8.89	7.495	WEIGHT(MATERIAL)=000.GRMS.APPROX			
P-4.6		●	●				1.99	3.25	4.6	6.505	3.59	10.29	12.17	14.55				
P-5.66		●	●				2.45	4	5.66	8.004	9.803	12.66	14.97	17.9				
P-7.07		●	●				3.07	5	7.07	12.25	12.25	15.81	18.71	10.58	YC			
P-8.84		●	●				3.83	6.25	8.84	12.5	15.31	19.77	23.39	27.95	25	10	16	17
P-11.31		●	●				4.9	8	11.31	15.99	15.99	25.29	29.92	35.77	WEIGHT(MATERIAL)=000.GRMS.APPROX			
P-14.14		●	●				6.13	10	14.14	20	24.49	31.62	37.41	44.71				
P-15.91		●	●	●			6.9	11.25	15.91	22.5	27.56	35.58	42.09	50.31				
P-17.68			●	●	●		7.66	12.5	17.68	25	30.62	39.53	46.78	55.91	YD			
P-22.63			●	●	●		9.81	16	22.63	32	39.2	50.6	59.87	71.56	32	13	21	22
P-28.28			●	●	●		12.26	20	28.28	39.99	48.98	63.24	38.67	89.43	WEIGHT(MATERIAL)=000.GRMS.APPROX			
P-36.77			●	●	●		15.94	26	36.77	52	63.69	82.22	97.28	116.3				
P-45.96				●	●	●	19.92	32.5	45.96	65	79.61	102.8	121.6	145.3	YE			
P-50.91				●	●	●	22.07	36	50.91	72	88.18	113.8	134.7	161	WEIGHT(MATERIAL)=000.GRMS.APPROX			
P-56.57				●	●	●	24.52	40	56.57	80	97.98	126.5	149.7	178.9	42	15	32	27
P-71.71					●	●	30.65	50	71.71	101.4	124.2	160.3	189.7	226.8	WEIGHT(MATERIAL)=000.GRMS.APPROX			
P-83.44					●	●	36.17	59	83.44	118	144.5	186.6	220.8	263.9	YF			
P-91.92					●	●	39.85	65	91.92	130	159.2	205.5	243.2	290.7	56	18	36	39
P-113.14						●	49.05	80	113.1	160	196	253	299.3	357.8	WEIGHT(MATERIAL)=000.GRMS.APPROX			
P-114.14						●	61.31	100	141.4	200	244.9	316.2	374.2	447.2				



## FLAT SPRAY NOZZLE 120 DEG ANG TECHNICAL SPECIFICATION

MODEL NO	END CONNECTION						FLOW RATE IN LPM AT DIFFERENT VALUES							MATERIAL CODE				
	120 DEG SPRAY ANGLE	0.125	0.25	0.375	0.5	0.75	1	FLOW CAPACITY								SS 304/SS 316	BRASS	PVC
							IN GPM	PRESSURE IN BAR							G.A DRG mm			
							40 psi	0.5	1	2	3	5	7	10	Y	Y1	D	HEX
P-0.7	●						0.31	0.5	0.71	1	1.22	1.58	1.87	2.24	YA			
P-1.06	●						0.46	0.75	1.06	1.499	1.836	2.37	2.804	3.352	18	6.5	11	12
P-1.24	●						0.54	0.87	1.24	1.754	2.148	2.773	3.281	3.921	WEIGHT(MATERIAL)=000.GRMS.APPROX			
P-1.41	●						0.61	1	1.41	1.994	2.442	3.153	3.731	4.459				
P-1.77	●	●					0.77	1.25	1.77	2.503	3.066	3.958	4.683	5.597				
P-2.47	●	●					1.07	1.75	2.47	3.493	4.278	5.523	6.535	7.811	YB			
P-2.83	●	●					1.23	2	2.83	4.002	4.902	6.328	7.487	8.949	22	10	13	14
P-3.36	●	●					1.46	2.37	3.36	4.752	5.82	7.513	8.89	7.495	WEIGHT(MATERIAL)=000.GRMS.APPROX			
P-4.6	●	●	●				1.99	3.25	4.6	6.505	3.59	10.29	12.17	14.55				
P-5.66	●	●	●				2.45	4	5.66	8.004	9.803	12.66	14.97	17.9				
P-7.07	●	●	●				3.07	5	7.07	12.25	12.25	15.81	18.71	10.58	YC			
P-8.84	●	●	●				3.83	6.25	8.84	12.5	15.31	19.77	23.39	27.95	25	10	16	17
P-11.31	●	●	●				4.9	8	11.31	15.99	15.99	25.29	29.92	35.77	WEIGHT(MATERIAL)=000.GRMS.APPROX			
P-14.14	●	●	●				6.13	10	14.14	20	24.49	31.62	37.41	44.71				
P-15.91	●	●	●	●			6.9	11.25	15.91	22.5	27.56	35.58	42.09	50.31				
P-17.68	●	●	●	●			7.66	12.5	17.68	25	30.62	39.53	46.78	55.91	YD			
P-22.63	●	●	●	●			9.81	16	22.63	32	39.2	50.6	59.87	71.56	32	13	21	22
P-28.28	●	●	●	●			12.26	20	28.28	39.99	48.98	63.24	38.67	89.43	WEIGHT(MATERIAL)=000.GRMS.APPROX			
P-36.77	●	●	●	●			15.94	26	36.77	52	63.69	82.22	97.28	116.3				
P-45.96	●	●	●	●	●		19.92	32.5	45.96	65	79.61	102.8	121.6	145.3	YE			
P-50.91	●	●	●	●	●		22.07	36	50.91	72	88.18	113.8	134.7	161	WEIGHT(MATERIAL)=000.GRMS.APPROX			
P-56.57	●	●	●	●	●		24.52	40	56.57	80	97.98	126.5	149.7	178.9				
P-71.71	●	●	●	●	●		30.65	50	71.71	101.4	124.2	160.3	189.7	226.8	WEIGHT(MATERIAL)=000.GRMS.APPROX			
P-83.44	●	●	●	●	●		36.17	59	83.44	118	144.5	186.6	220.8	263.9				
P-91.92	●	●	●	●	●		39.85	65	91.92	130	159.2	205.5	243.2	290.7	56	18	36	39
P-113.14	●	●	●	●	●		49.05	80	113.1	160	196	253	299.3	357.8	WEIGHT(MATERIAL)=000.GRMS.APPROX			
P-114.14	●	●	●	●	●		61.31	100	114.14	200	244.9	316.2	374.2	447.2				



## FLAT SPRAY NOZZLE 160 DEG ANG TECHNICAL SPECIFICATION

MODEL NO	END CONNECTION						FLOW RATE IN LPM AT DIFFERENT VALUES							MATERIAL CODE					
	ANGLE	0.125	0.25	0.375	0.5	0.75	1	FLOW CAPACITY								SS 304/SS 316		BRASS	PVC
								IN GPM	PRESSURE IN BAR							G.A DRG mm			
P-0.7	●							40 psi	0.5	1	2	3	5	7	10	Y	Y1	D	HEX
P-0.7	●							0.31	0.5	0.71	1	1.22	1.58	1.87	2.24	YA			
P-1.06	●							0.46	0.75	1.06	1.499	1.836	2.37	2.804	3.352	18	6.5	11	12
P-1.24	●							0.54	0.87	1.24	1.754	2.148	2.773	3.281	3.921	WEIGHT(MATERIAL)=000.GRMS.APPROX			
P-1.41	●							0.61	1	1.41	1.994	2.442	3.153	3.731	4.459				
P-1.77	●	●						0.77	1.25	1.77	2.503	3.066	3.958	4.683	5.597				
P-2.47	●	●						1.07	1.75	2.47	3.493	4.278	5.523	6.535	7.811	YB			
P-2.83		●						1.23	2	2.83	4.002	4.902	6.328	7.487	8.949	22	10	13	14
P-3.36		●						1.46	2.37	3.36	4.752	5.82	7.513	8.89	7.495	WEIGHT(MATERIAL)=000.GRMS.APPROX			
P-4.6		●	●					1.99	3.25	4.6	6.505	3.59	10.29	12.17	14.55				
P-5.66		●	●					2.45	4	5.66	8.004	9.803	12.66	14.97	17.9				
P-7.07		●	●					3.07	5	7.07	12.25	12.25	15.81	18.71	10.58	YC			
P-8.84		●	●					3.83	6.25	8.84	12.5	15.31	19.77	23.39	27.95	25	10	16	17
P-11.31		●	●					4.9	8	11.31	15.99	15.99	25.29	29.92	35.77	WEIGHT(MATERIAL)=000.GRMS.APPROX			
P-14.14		●	●					6.13	10	14.14	20	24.49	31.62	37.41	44.71				
P-15.91		●	●	●				6.9	11.25	15.91	22.5	27.56	35.58	42.09	50.31				
P-17.68			●	●	●			7.66	12.5	17.68	25	30.62	39.53	46.78	55.91	YD			
P-22.63			●	●	●			9.81	16	22.63	32	39.2	50.6	59.87	71.56	32	13	21	22
P-28.28			●	●	●			12.26	20	28.28	39.99	48.98	63.24	38.67	89.43	WEIGHT(MATERIAL)=000.GRMS.APPROX			
P-36.77				●	●	●		15.94	26	36.77	52	63.69	82.22	97.28	116.3				
P-45.96				●	●	●		19.92	32.5	45.96	65	79.61	102.8	121.6	145.3	YE			
P-50.91				●	●	●		22.07	36	50.91	72	88.18	113.8	134.7	161	WEIGHT(MATERIAL)=000.GRMS.APPROX			
P-56.57				●	●	●		24.52	40	56.57	80	97.98	126.5	149.7	178.9	42	15	32	27
P-71.71					●	●		30.65	50	71.71	101.4	124.2	160.3	189.7	226.8	WEIGHT(MATERIAL)=000.GRMS.APPROX			
P-83.44					●	●		36.17	59	83.44	118	144.5	186.6	220.8	263.9	YF			
P-91.92					●	●		39.85	65	91.92	130	159.2	205.5	243.2	290.7	56	18	36	39
P-113.14						●		49.05	80	113.1	160	196	253	299.3	357.8	WEIGHT(MATERIAL)=000.GRMS.APPROX			
P-114.14						●		61.31	100	141.4	200	244.9	316.2	374.2	447.2				