

11 Product Family 81 Product Group More Than 140,000 Products						MIRAB Products																	The number of sizes of this row based on the column A-D-N The number of presses of this row by column B-D-N The number of presses of this row by column C- Class Mirab Normal products are made with EPDM rubber and with a maximum temperature up to 120 degrees Celsius.										Types of stainless steel: 304-304L-316-316L-Duplex-Super Duplex				D=A*B E=A*C F=D+E G=F*K*H*M*N	
Manufacturing Ability Based On Many Variable Material Such as Ductile Cast Iron, Stainless Steel, Carbon Steel and Copper Alloys																																						
No.	Product Family	Type	Product Group	Product Type	Size		Pressure		A	B	C	D	E	F	Shell Material K					Rubber Material H			Coating M		Operated type N					G	Total Production of each Product	Variety of Products						
					Nominal size (mm)	Nominal size (inch)	Pressure category According to EN PN(bar)	Pressure category According to ASME ANSI Class	No. of size	No. of Pressum	No. of Class	Total size and pressure A*B	Total size and Class A*C	Total E+D	Ductile iron	Alloys Carbon steel By Casting method	Alloys Carbon Steel By welding method	Alloys Stainless Steel Austenitic	Alloys Stainless Steel Austenitic-Ferritic	Alloys Copper Base Aluminum-Bronze Nickel-Aluminum-Bronze	NBR maximum to 70°C	high temperature EPDM maximum to 160°C	Viton maximum to 200°C	Lining	Special Polymer Halar	Manual	Gearbox	Electrical	Pneumatic Double Acting	Pneumatic Single Acting			Sub Total					
1	Butterfly Valves	1	Centric AP809 (Category A) (BCU) (BCF)	Wafer Type	20-300	3/4"-12"	2.5 to 16	125 to 150	13	4	2	52	26	78	*	*		6 Alloy Groups	2 Alloy Groups	*	*	*		*	*	*	*	*	*	*	1,482	32,299						
				350-600	14"-24"	2.5 to 16	125 to 150	5	4	2	20	10	30	*	*		6 Alloy Groups	2 Alloy Groups	*	*	*		*	*	*	*	*	*	*	540								
		2	Double Eccentric (BEB)	Vulcanized Wafer Type	100-300	4"-12"	2.5 to 16	125 to 150	6	4	2	24	12	36	*	*		6 Alloy Groups	2 Alloy Groups	*	*	*		*	*	*	*	*	*	*	684							
				Lug Type	50-300	2"-12"	2.5 to 16	125 to 150	9	4	2	36	18	54	*	*		6 Alloy Groups	2 Alloy Groups	*	*	*		*	*	*	*	*	*	*	1,026							
		3	Eccentric AP809 (Category B) (BEW)	350-1000	14"-40"	2.5 to 16	125 to 150	11	4	2	44	22	66	*	*		6 Alloy Groups	2 Alloy Groups	*	*	*		*	*	*	*	*	*	*	1,188								
				Vulcanized Lug Type	100-300	4"-12"	2.5 to 16	125 to 150	6	4	2	24	12	36	*	*		6 Alloy Groups	2 Alloy Groups	*	*	*		*	*	*	*	*	*	*	684							
		4	Double Eccentric (BEB)	Short Body Flanged Type	500-1000	20"-40"	2.5 to 16	125 to 150	7	4	2	28	14	42	*	*		6 Alloy Groups	2 Alloy Groups	*	*	*		*	*	*	*	*	*	*	756							
				Wafer Type	100-1000	4"-40"	2.5 to 25	125 to 150	14	5	2	70	28	98	*	*		6 Alloy Groups	2 Alloy Groups	*	*	*		*	*	*	*	*	*	*	1,862							
		5	Double Eccentric (BEB)	Flanged Type (F4)	100-2500	4"-100"	2.5 to 40	125 to 300	26	6	3	156	78	234	*	*	*	6 Alloy Groups	2 Alloy Groups	*	*	*		*	*	*	*	*	*	*	4,680							
				Flanged Type (F5) With Bypass	500-1400	20"-56"	2.5 to 40	125 to 300	11	6	3	66	33	99	*	*	*	6 Alloy Groups	2 Alloy Groups	*	*	*		*	*	*	*	*	*	*	1,980							
		6	Double Eccentric (BEB)	Short Body (F16)	150-1200	6"-48"	2.5 to 40	125 to 300	16	6	3	96	48	144	*	*	*	6 Alloy Groups	2 Alloy Groups	*	*	*		*	*	*	*	*	*	*	2,880							
				Lug Type (F16)	650-1600	26"-64"	6 to 40	125 to 300	4	5	3	20	12	32	*	*	*	6 Alloy Groups	2 Alloy Groups	*	*	*		*	*	*	*	*	*	*	640							
		7	Double Eccentric (BEB)	Butt Weld End	2200-4000	88"-160"	2.5 to 25	125 to 150	10	5	2	50	20	70		*	*			*	*	*		*	*	*	*	*	*	*	770							
				Emergency Valve with Weight & Loaded Hydraulic	300-2500	12"-100"	2.5 to 25	125 to 150	23	5	2	115	46	161	*	*	*	6 Alloy Groups	2 Alloy Groups	*	*	*		*	*	*	*	*	*	*	2,576							
		8	Triple Eccentric with Metal Seat for high pressure or high temperature services (BEF)	Flanged Type (F4)	100-2500	12"-100"	2.5 to 63	125 to 400	26	7	4	182	104	286	*	*	*	6 Alloy Groups	2 Alloy Groups	*	*	*		*	*	*	*	*	*	*	4,862							
				Flanged Type (F5) With Bypass	500-1400	20"-56"	2.5 to 63	125 to 400	11	7	4	77	44	121	*	*	*	6 Alloy Groups	2 Alloy Groups	*	*	*		*	*	*	*	*	*	*	2,057							
9	Triple Eccentric with Metal Seat for high pressure or high temperature services (BEF)	Short Body (F16)	150-1200	6"-48"	2.5 to 63	125 to 400	16	7	4	112	64	176	*	*	*	6 Alloy Groups	2 Alloy Groups	*	*	*		*	*	*	*	*	*	*	2,992									
		Lug Type (F16)	650-1600	26"-64"	6 to 40	125 to 300	4	5	3	20	12	32	*	*	*	6 Alloy Groups	2 Alloy Groups	*	*	*		*	*	*	*	*	*	*	640									
2	Gate Valves	17	Soft-Sealing (GSF)	with Non-Rising Stem (F4)	50-500	2"-20"	2.5 to 16	125 to 150	13	4	2	52	26	78	*	*			*	*	*		*	*	*	*	*	*	*	624	6,057							
				with Non-Rising Stem (F5)	50-500	2"-20"	2.5 to 16	125 to 150	13	4	2	52	26	78	*	*			*	*	*		*	*	*	*	*	*	*	624								
		18	Metal Seated (GMF)	with Non-Rising Stem (F4)	50-300	2"-12"	10 to 16	---	9	2	---	18	---	18		*		6 Alloy Groups	2 Alloy Groups		*	*		*	*	*	*	*	*	252								
				with Non-Rising Stem ASME B16.10	50-300	2"-12"	25 to 40	125 to 300	9	2	3	18	27	45		*		6 Alloy Groups	2 Alloy Groups		*	*		*	*	*	*	*	*	630								
		19	OS&Y Type (GOF)	with Rising Stem ASME B16.10	50-200	2"-8"	10 to 40	150 to 300	7	4	2	28	14	42		*		6 Alloy Groups	2 Alloy Groups		*	*		*	*	*	*	*	*	588								
				---	200-2000	8"-30"	Up to 2.5	125 to 150	19	1	2	19	38	57		*		4 Alloy Groups			*	*		*	*	*	*	*	627									
		20	Sluice (GSD)	---	50-250	5"-10"	2.5 to 10	125 to 150	8	3	2	24	16	40	*	*		6 Alloy Groups	2 Alloy Groups	*	*	*		*	*	*	*	*	*	720								
					300-600	12"-24"	2.5 to 10	125 to 150	6	2	2	12	12	24	*	*		6 Alloy Groups	2 Alloy Groups	*	*	*		*	*	*	*	*	*	432								
		21	Knife (GKL)	with Non-Rising Stem	700-1000	28"-40"	2.5 to 10	125 to 150	4	1	2	4	8	12	*	*		6 Alloy Groups	2 Alloy Groups	*	*	*		*	*	*	*	*	*	204								
					50-250	5"-10"	2.5 to 10	125 to 150	8	3	2	24	16	40	*	*		6 Alloy Groups	2 Alloy Groups	*	*	*		*	*	*	*	*	*	720								
		22	Knife (GKL)	with Rising Stem	300-600	12"-24"	2.5 to 10	125 to 150	6	2	2	12	12	24	*	*		6 Alloy Groups	2 Alloy Groups	*	*	*		*	*	*	*	*	*	432								
					700-1000	28"-40"	2.5 to 10	125 to 150	4	1	2	4	8	12	*	*		6 Alloy Groups	2 Alloy Groups	*	*	*		*	*	*	*	*	*	204								
3	Check Valves	23	Tilting Disk (NTF)	with Hydraulic Damper (NTF)	100-2000	4"-30"	6 to 40	125 to 300	22	5	3	110	66	176	*	*	*	6 Alloy Groups	2 Alloy Groups	*	*	*		*	*	*	*	*	*	2,816	16,707							
					100-2000	4"-30"	6 to 40	125 to 300	22	5	3	110	66	176	*	*	*	6 Alloy Groups	2 Alloy Groups	*	*	*		*	*	*	*	*	*	2,816								
		24	Swing (NSF)	Automatic	50-200	2"-8"	6 to 16	125 to 150	7	3	2	21	14	35	*	*		6 Alloy Groups	2 Alloy Groups	*	*	*		*	*	*	*	*	525									
					50-1000	2"-40"	6 to 40	125 to 300	18	5	3	90	54	144	*	*	*	6 Alloy Groups	2 Alloy Groups	*	*	*		*	*	*	*	*	2,304									
		25	Silent (NLF)	Automatic	100-1500	4"-60"	6 to 100	125 to 1500	19	7	7	133	133	266	*	*	*	6 Alloy Groups	2 Alloy Groups	*	*	*		*	*	*	*	*	3,724									
					50-1000	2"-40"	2.5 to 16	125 to 150	18	4	2	72	36	108	*	*	*	6 Alloy Groups	2 Alloy Groups	*	*	*		*	*	*	*	*	1,728									
		26	Foot (NFS)	Automatic	50-1000	2"-40"	6 to 40	125 to 300	18	5	3	90	54	144	*	*	*	6 Alloy Groups	2 Alloy Groups	*	*	*		*	*	*	*	*	2,304									
					50-200	2"-8"	6 to 16	125 to 150	7	3	2	21	14	35	*	*	*	6 Alloy Groups	2 Alloy Groups	*	*	*		*	*	*	*	*	490									
4	Air Valves	27	Double Chamber/ Double Orifices (ADT)	With Isolation Valve Available with PP & Austenitic Stainless Steel Float	80-250	3"-10"	6 to 40	125 to 300	6	5	3	30	18	48	*	*		6 Alloy Groups	2 Alloy Groups	*	*	*		*	*	*	*	720	5,277									
					80-250	3"-10"	6 to 40	125 to 300	6	5	3	30	18	48	*	*		6 Alloy Groups	2 Alloy Groups	*	*	*		*	*	*	*	720										
		28	Single Chamber/ Double Orifices (AST)	Available with PP & Austenitic Stainless Steel Float	25-200	1"-8"	6 to 40	125 to 300	10	5	3	50	30	80	*	*		6 Alloy Groups	2 Alloy Groups	*	*	*		*	*	*	*	1,200										
					50-200	2"-8"	6 to 16	125 to 150	7	3	2	21	14	35	*	*		6 Alloy Groups	2 Alloy Groups	*	*	*		*	*	*	*	525										
		29	Large Orifice (AVB)	Automatic	200-1000	8"-40"	6 to 63	125 to 400	12	7	4	84	48	132	*	*	*	6 Alloy Groups	2 Alloy Groups	*	*	*		*	*	*	*	2,112										
5	Automatic Control Valves	38	Pressure Reducing	Diaphragm Type (CAF)	50-1000	2"-40"																																