11 Product Family
80 Product Group
More Than 140,000 Products

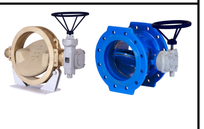
MIRAB Products

The number of sizes of this row based on the column A+ON
The number of presses of this row by column B=PN
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.

A+B
E=A*C
F=D+E
G=F*K*M*N

Manufacturing Ability Based On Many Variable Material Such as Ductile Cast Iron, Stainless Steel, Carbon Steel and Copper Alloys

Types of stainless steel:
304-304L-316-316L-Duplex-Super Duplex

No.	Product Family	Type	Product Group	Product Type	Size: Nominal size (mm)	Size: Nominal size (Inch)	Pressure: Pressure category According to EN PN(bar)	Pressure: Pressure category According to: ASME/ ANSI Class	A: No. of size	B: No. of Pressure	C: No. of Class	D: Total size and pressure A*B	E: Total size and Class A*C	F: E+D	Shell Material K: Ductile iron	Alloys Carbon steel By Casting method	Alloys Carbon Steel By welding method	Alloys Stainless Steel Austenitic Austenitic-Ferritic	Alloys Copper Base Aluminum-Bronze Nickel-Aluminum-Bronze	Rubber Material H: NBR maximum to 70°C	high temperature EPDM maximum to 150°C	Viton maximum to 200°C	Coating M: Lining	Special Polymer/ Halar	Operated type N: Manual	Gearbox	Electrical	Pneumatic Double Acting	Pneumatic Single Acting	Sub Total	Total Production of each Product	Variety of Products
1	Butterfly Valves	1	Centric API609 (Category A) (BCW) (BCL) (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		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		
		3		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		
					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		
		4		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		
		5		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		
		6	Eccentric API609 (Category B) (BEW)	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		
		7		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		
		8		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		
		9		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		
		10	Double Eccentric (BEF) (BEB)	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		
		11		Butt Weld End	2200-4000	88"-160"	2.5 to 25	125 to 150	10	5	2	50	20	70		*	*			*	*	*		*		*	*	*	*	770		
		12		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		
		13		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		
		14	Triple Eccentric with Metal Seal for high pressure or high temperature services (BEF)	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		
		15		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		
		16		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	
		18		with Non-Rising Stem (F5)	50-500	2"-20"	2.5 to 16	125 to 150	13	4	2	52	26	78	*					*	*			*		*	*	*	624		
		19	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		
		20		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		
		21	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		
		22	Sluice (GSD)	---	200-2000	8"-80"	Up to 2,5	125 to 150	19	1	2	19	38	57			*	4 Alloy Groups		*					*		*	*	*	627		
		23	Knife (GKL)	with Non-Rising Stem	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"	*DN 300 to DN400 : Up to 6 bar *DN 450, Up to 5 bar *DN 500 to DN600 : Up to 4 bar	125 to 150	6	2	2	12	12	24	*	*		6 Alloy Groups	2 Alloy Groups	*	*			*		*	*	*	*	432		
					700-1000	28"-40"	DN 700 to DN1000 : Up to 2 bar	125 to 150	4	1	2	4	8	12	*	*		6 Alloy Groups	2 Alloy Groups	*	*			*		*	*	*	*	204		
		24		with Rising Stem	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"	*DN 300 to DN400 : Up to 6 bar *DN 450, Up to 5 bar *DN 500 to DN600 : Up to 4 bar	125 to 150	6	2	2	12	12	24	*	*		6 Alloy Groups	2 Alloy Groups	*	*			*		*	*	*	*	432		
					700-1000	28"-40"	DN 700 to DN1000 : Up to 2 bar	125 to 150	4	1	2	4	8	12	*	*		6 Alloy Groups	2 Alloy Groups	*	*			*		*	*	*	*	204		
3	Check Valves	25	Tilting Disk (NTF)	Automatic	100-2000	4"-80"	6 to 40	125 to 300	22	5	3	110	66	176	*	*	*	6 Alloy Groups	2 Alloy Groups	*	*	*		*	*					2,816	16,707	
		26	with Hydraulic Damper (NTF)		100-2000	4"-80"	6 to 40	125 to 300	22	5	3	110	66	176	*	*	*	6 Alloy Groups	2 Alloy Groups	*	*	*		*	*					2,816		
		27	Swing (NSF)		50-200	2"-8"	6 to 16	125 to 150	7	3	2	21	14	35	*	*		6 Alloy Groups	2 Alloy Groups	*	*	*		*	*					525		
		28	Silent (NLF)		50-1000	2"-40"	6 to 40	125 to 300	18	5	3	90	54	144	*	*	*	6 Alloy Groups	2 Alloy Groups	*	*	*		*						2,304		
		29	Nozzled (NNF)		100-1500	4"-60"	6 to 100	125 to 1500	19	7	7	133	133	266	*	*	*	6 Alloy Groups	2 Alloy Groups	*	*	*		*						3,724		
		30	Flap (NFF)		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		
		31	Foot (NFS)		50-1000	2"-40"	6 to 40	125 to 300	18	5	3	90	54	144	*	*	*	6 Alloy Groups	2 Alloy Groups	*	*	*		*	*					2,304		
		32	Wafer Pattern (NSW)		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	33	Double Chambers 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	
		34		Without Isolation Valve Available with PP & Austenitic Stainless Steel Float	80-250	3"-10"	6 to 40	125 to300	6	5	3	30	18	48	*	*		6 Alloy Groups	2 Alloy Groups	*	*	*		*	*					720		
		35	Single Chamber Double Orifices (AST)	Available with PP & Austentic 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		
		36	Sewage (ASW)	Automatic	50-200	2"-8"	6 to 16	125 to 150	7	3	2	21	14	35	*	*	*	6 Alloy Groups	2 Alloy Groups	*	*	*		*	*					525		
		37	Large Orifice (AVB)		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	Diaphragm Type (CAF)	Pressure Reducing	50-1000	2"-40"	2.5 to 40	125 to 300	18	6	3	108	54	162	*	*		6 Alloy Groups	2 Alloy Groups	*				*	*					2,106	31,590	
		39		Rate of Flow	50-1000	2"-40"	2.5 to 40	125 to 300	18	6	3	108	54	162	*	*		6 Alloy Groups	2 Alloy Groups	*				*	*					2,106		
		40		Relief Valve	50-1000	2"-40"	2.5 to 40	125 to 300	18	6	3	108	54	162	*	*		6 Alloy Groups	2 Alloy Groups	*				*	*					2,106		
		41		Modulating Float Valve	50-1000	2"-40"	2.5 to 40	125 to 300	18	6	3	108	54	162	*	*		6 Alloy Groups	2 Alloy Groups	*				*	*					2,106		
		42		Electical Float Valve	50-1000	2"-40"	2.5 to 40	125 to 300	18	6	3	108	54	162	*	*		6 Alloy Groups	2 Alloy Groups	*				*	*					2,106		
		43		On-Off Float Valve	50-1000	2"-40"	2.5 to 40	125 to 300	18	6	3	108	54	162	*	*		6 Alloy Groups	2 Alloy Groups	*				*	*					2,106		
		44		Altitude Float Valve	50-1000	2"-40"	2.5 to 40	125 to 300	18	6	3	108	54	162	*	*		6 Alloy Groups	2 Alloy Groups	*				*	*					2,106		
		45		Pump Control Valve	50-1000	2"-40"	2.5 to 40	125 to 300	18	6	3	108	54	162	*	*		6 Alloy Groups	2 Alloy Groups	*				*	*					2,106		
		46		Excess flow shut-off Valve	50-1000	2"-40"	2.5 to 40	125 to 300	18	6	3	108	54	162	*	*		6 Alloy Groups	2 Alloy Groups	*				*	*					2,106		
		47		Surge Anticipator Valve	50-1000	2"-40"	2.5 to 40	125 to 300	18	6	3	108	54	162	*	*		6 Alloy Groups	2 Alloy Groups	*				*	*					2,106		
		48		Deluge Valve	50-1000	2"-40"	2.5 to 40	125 to 300	18	6	3	108	54	162	*	*		6 Alloy Groups	2 Alloy Groups	*				*	*					2,106		
		49		Pressure Reducing & Rate of Flow Valve	50-1000	2"-40"	2.5 to 40	125 to 300	18	6	3	108	54	162	*	*		6 Alloy Groups	2 Alloy Groups	*				*	*					2,106		
		50		Pressure Reducing &Relief Valve	50-1000	2"-40"	2.5 to 40	125 to 300	18	6	3	108	54	162	*	*		6 Alloy Groups	2 Alloy Groups	*				*	*					2,106		
		51		On-Off Valve with Solenoid Valve	50-1000	2"-40"	2.5 to 40	125 to 300	18	6	3	108	54	162	*	*		6 Alloy Groups	2 Alloy Groups	*				*	*					2,106		
		52		Pump Control & Relief Valve	50-1000	2"-40"	2.5 to 40	125 to 300	18	6	3	108	54	162	*	*		6 Alloy Groups	2 Alloy Groups	*				*	*					2,106		
6	Control Valves	53	Globe (CGF)	with Standard Ring	50-250	2"-10"	2.5 to 63	125 to 400	8	7	4	56	32	88	*	*		6 Alloy Groups	2 Alloy Groups	*	*	*		*	*	*	*	*	*	1,760	23,032	
					300-450	12"-18"	2.5 to 63	125 to 400	4	7	4	28	16	44	*	*		6 Alloy Groups	2 Alloy Groups	*	*	*		*		*	*	*	*	836		
					500-800	20"-32"	2.5 to 40	125 to 300	4	6	3	24	12	36	*	*		6 Alloy Groups	2 Alloy Groups	*	*	*		*		*	*	*	*	684		
					900-1000	36"-40"	2,5 to 25	125 to 150	2	5	2	10	4	14	*	*		6 Alloy Groups	2 Alloy Groups	*	*	*		*		*	*	*	*	266		
		54		with Anti-Cavitation Cylinder	50-250	2"-10"	2.5 to 40	125 to 150	8	6	2	48	16	64	*	*		6 Alloy Groups	2 Alloy Groups	*	*	*		*	*	*	*	*	*	1,280		
					300-500	12"-20"	2.5 to 40	125 to 150	5	6	2	30	10	40	*	*		6 Alloy Groups	2 Alloy Groups	*	*	*		*		*	*	*	*	760		
		55	Sleeve (CSD)	---	200-2200	8"-88"	2.5 to 25	125 to 150	18	5	2	90	36	126			*	6 Alloy Groups		*					*		*	*		1,260		
		56	Fixed Cone Free Discharge (CFD)	---	400-2000	16"-80"	2.5 to 40	125 to 300	13	6	3	78	39	117			*	6 Alloy Groups		*					*		*	*		1,170		
		57	Needle (CNF)	with Standard Ring	200-2000	8"-80"	2.5 to 63	125 to 400	17	7	4	119	68	187	*	*	*	6 Alloy Groups	2 Alloy Groups	*	*	*		*	*	*	*	*	*	3,740		
		58		with Vaned Ring	200-2000	8"-80"	2.5 to 63	125 to 400	17	7	4	119	68	187	*	*	*	6 Alloy Groups	2 Alloy Groups	*	*	*		*	*	*	*	*	*	3,740		
		59		with Slotted Cylinder	200-2000	8"-80"	2.5 to 63	125 to 400	17	7	4	119	68	187	*	*	*	6 Alloy Groups	2 Alloy Groups	*	*	*		*	*	*	*	*	*	3,740		
		60		with Multiple Orifice Cylinder	200-2000	8"-80"	2.5 to 63	125 to 400	17	7	4	119	68	187	*	*	*	6 Alloy Groups	2 Alloy Groups	*	*	*		*	*	*	*	*	*	3,740		
		61	Hollow Jet	---	600&1320	24"&52"	2.5 to 25	125 to 150	2	5	2	10	4	14			*			*					*		*	*		56		
7	Fire Hydrant Valve	62	Underground (HUF)	---	65-100	2 1/2"-4"	2.5 to 16	125 to 150	3	4	2	12	6	18	*	*		6 Alloy Groups	2 Alloy Groups	*	*	*		*		*				288	828	
		63	Standing Type (HAF)		80-150	3"-6"	2.5 to 16	125 to 150	3	4	2	12	6	36	*	*		6 Alloy Groups	2 Alloy Groups	*	*	*		*		*				540		
8	Strainers	64	One Side Flanged Type (SIS)	With Cylindrical Screen	50-1600	2"-64"	2.5 to 63	125 to 400	23	7	4	161	92	253	*	*	*	6 Alloy Groups	2 Alloy Groups	*	*	*		*						2,783	8,648	
		65	Y- Type (SYF)	With Cylindrical Screen	50-300	2"-12"	2.5 to 63	125 to 400	9	7	4	63	36	99	*	*		6 Alloy Groups	2 Alloy Groups	*	*	*		*						1,485		
		66	Tee Type (STF)	with Curved Screen	50-1000	2"-40"	2.5 to 63	125 to 1500	18	7	7	126	126	252		*					*	*			*						756		
		67		with V Screen & W Screen	50-600	2"-40"	2.5 to 63	125 to 1500	14	7	7	98	98	196		*					*	*			*						588		
		68	Basket Type (SBF)	With Cylindrical Screen	50-1600	2"-64"	2.5 to 63	125 to 400	23	7	4	161	92	253		*				*	*	*			*						1,518		
		69		With Flat Screen & Curved Screen	50-1600	2"-64"	2.5 to 63	125 to 400	23	7	4	161	92	253		*				*	*	*			*						1,518		
9	Couplings	70	Dismantling Joints (FDJ)	F1	50-3000	2"-120"	2.5 to 63	125 to 400	30	7	4	210	120	330	*	*	*	6 Alloy Groups	2 Alloy Groups	*	*	*		*	*					5,280	15,840	
		71		F2	50-3000	2"-120"	2.5 to 63	125 to 400	30	7	4	210	120	330	*	*	*	6 Alloy Groups	2 Alloy Groups	*	*	*		*	*					5,280		
		72	Coupling (FCJ)	---	50-2000	2"-80"	2.5 to 63	125 to 400	30	7	4	210	120	330	*	*	*	6 Alloy Groups	2 Alloy Groups	*	*	*		*	*					5,280		
10	Gearboxes	73	MGAL	Worm Part Turn	MGAL 05 MGAL 07		Maximum output torque : 500Nm								*	*														4	30	
		74	MGDI	Worm Part Turn	MGDI 10		Maximum output torque : 1000Nm								*	*														2		
		75	MGS	Worm Part Turn	MGS50 MGS80 MGS100		Maximum output torque : 4000Nm								*	*														6		
		76	MWG	Worm Part Turn	MWG130 MWG170 MWG210 MWG270		Maximum output torque : 84000Nm								*	*														8		
		77	Slider Crank (MSK)	Slider Crank Part Turn	SK70 SK170 SK250 SK400 SK700		Maximum output torque : 2500000Nm								*	*														10		
11	Actuators	78	Scotch Yoke (MSY)	Pneumatic with manual operation	MSV		Maximum output torque : 11600Nm								*	*														6	6	
		79		Pneumatic Double Acting																												
		80		Pneumatic Single Acting																												
																													Total	140,314	