

Safety
Cleanability
Performance

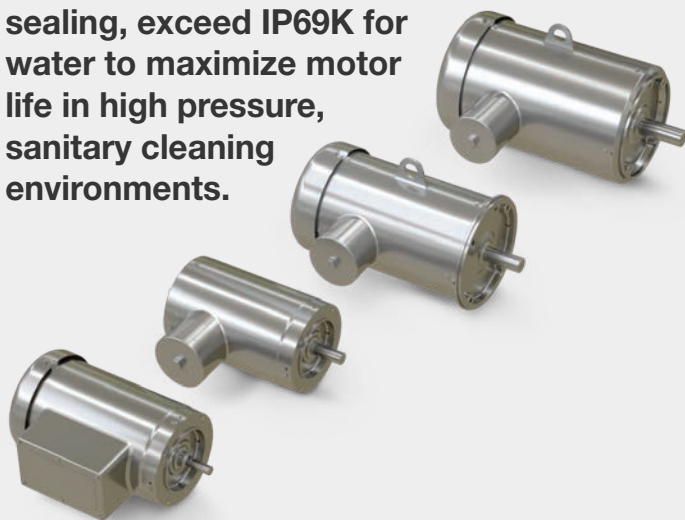
FOOD SAFE STAINLESS STEEL MOTORS

BALDOR • RELIANCE

BALDOR-RELIANCE® FOOD SAFE MOTORS

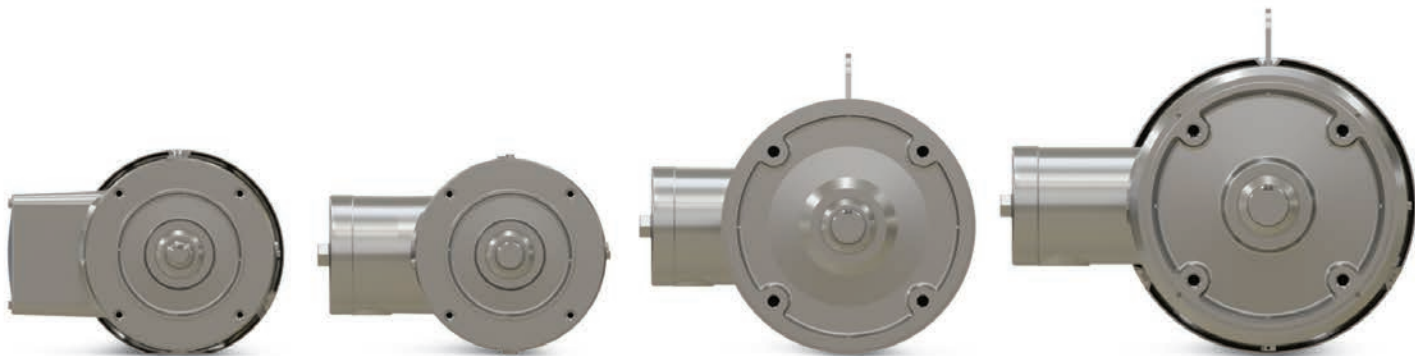
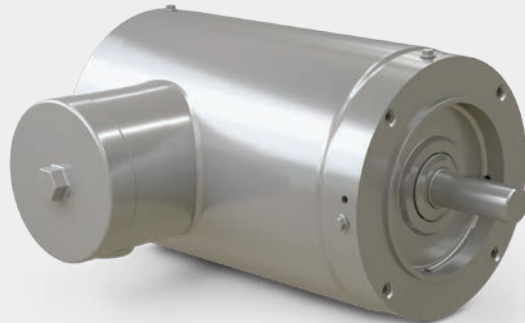
All food processing equipment should be designed, used, and maintained with food safety principles in mind. Violations of these practices can cost companies thousands, if not millions, to resolve. It is important that companies consider not only the initial purchase price, but also the total cost of ownership (TCO), including the cleanability and reliability of the equipment, provided by suppliers who understand the principles of sanitary design.

Baldor-Reliance food safe motors, designed with smooth contours and advanced sealing, exceed IP69K for water to maximize motor life in high pressure, sanitary cleaning environments.



FOOD SAFETY WAS OUR FIRST PRIORITY OF DESIGN

As the name implies, our number one design criteria is around food safety. Over the course of 30 years producing motors for the food & beverage industry, we continue to incorporate customer feedback in our designs. The number one ongoing concern and focus is food safety. Seeking the use of equipment that meets (and exceeds) sanitary design principals, limiting their risk and potential liability.



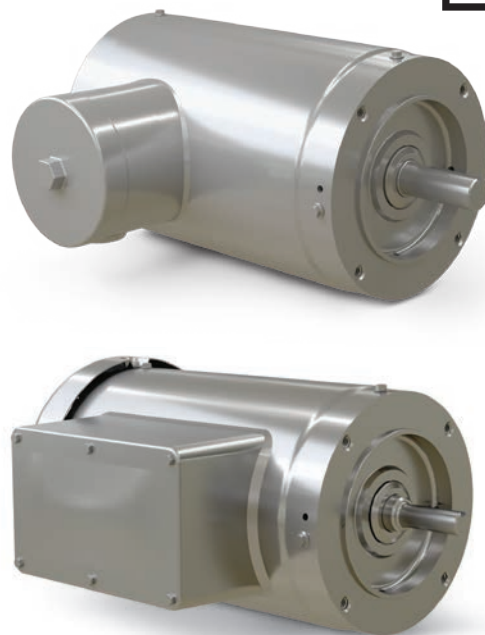
RELIABILITY & SAFETY

RELIABILITY IN INTENSE CLEANING ENVIRONMENTS

How do you know if your facility's equipment is able to withstand Clean in Place (CIP) procedures? The International Electrotechnical Commission (IEC) has defined an ingress protection code for enclosures called IP69K, which addresses actual CIP procedures utilizing high pressure, high temperature, and close-range cleaning methods. Baldor-Reliance® food safe motors meet this rating due to the smooth contour and finish along with continuous welds to eliminate harboring points for bacteria to grow, survive and reproduce while giving enough space to access the minor crevices for proper sanitation. Internal and external shaft seals on both ends protect against ingress at shaft extension points.

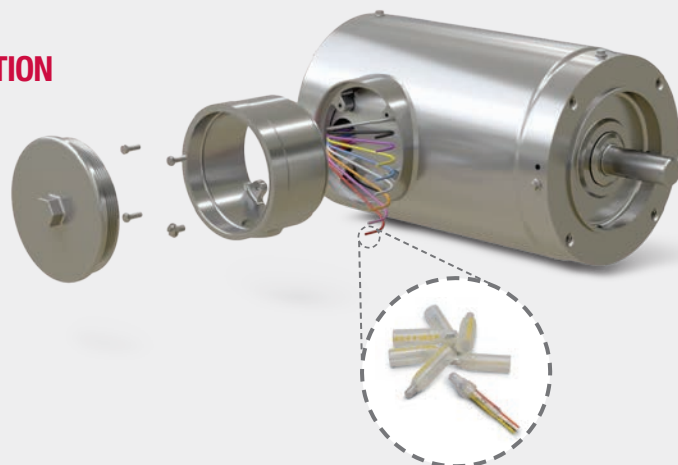
Single phase models offer a singular box for the capacitor and lead connections. Typical single phase motors have accessory boxes located at the F3 position of the motor, creating more opportunities for contaminants and water to enter the capacitor connections, or worse, the motor windings.

IP69K
for Water



WORKER SAFETY FROM INSTALLATION THROUGH OPERATION

When it comes time for your maintenance engineer to replace the existing motor with a new Baldor-Reliance food safe motor, you can rest assured there is no additional rerouting of your power source leads or rotating motor orientation. We designed a 3-piece, O-ring sealed rotatable conduit box for installation flexibility. Color-coded leads ensure proper connections, with heat shrink connectors that provide a waterproof seal.



AVAILABILITY

Built in US manufacturing facilities, with footless rating from 1/2 up to 15 HP from stock.

FOOD SAFE STAINLESS STEEL MOTOR, THREE PHASE, TOTALLY ENCLOSED, C-FACE, FOOTLESS, -E (ENCAPSULATED)

HP	RPM	NEMA FRAME	ENCLOSURE	CATALOG NUMBER	LIST PRICE	MULT. SYM.	"C" DIM.	APRX. WT. (LBS.)	FULL LOAD EFFICIENCY	VOLTAGE	FULL LOAD AMPS
1/2	3600	56C	TENV	VFSWDM3537-E	1,546	FS	11.78	35	84	208-230/460	0.7
		56C	TENV	VFSWDM3538-E	1,573	FS	11.78	35	84	208-230/460	0.9
		56C	TEFC	VFSFWM3538-E	1,636	FS	12.96	35	84	208-230/460	0.9
3/4	3600	56C	TENV	VFSWDM3541-E	1,602	FS	11.78	38	86.5	208-230/460	1
		56C	TENV	VFSWDM3542-E	1,628	FS	12.78	41	84	208-230/460	1.3
		56C	TEFC	VFSFWM3542-E	1,691	FS	13.96	37	84	208-230/460	1.3
	1200	56C	TENV	VFSWDM3543-E	1,959	FS	13.67	45	82.5	208-230/460	1.3
		56C	TEFC	VFSWDM3543-E	1,959	FS	13.67	45	82.5	208-230/460	1.3
1	3600	56C	TENV	VFSWDM3545-E	1,685	FS	11.78	37	82.5	230/460	1.4
		56C	TENV	VFSWDM3546-E	1,702	FS	12.78	37	85.5	230/460	1.5
		56C	TEFC	VFSFWM3546-E	1,767	FS	13.96	37	85.5	230/460	1.5
		143TC	TENV	VFSWDM3546T-E	1,719	FS	12.78	37	85.5	230/460	1.5
		143TC	TEFC	VFSFWM3546T-E	1,782	FS	13.96	37	85.5	230/460	1.5
	1200	56C	TEFC	VFSWDM3556-E	2,028	FS	14.83	45	82.5	230/460	1.7
1-1/2	3600	56C	TENV	VFSWDM3550-E	1,708	FS	13.67	53	85.5	230/460	1.8
		143TC	TENV	VFSWDM3550T-E	1,724	FS	13.67	50	85.5	230/460	1.8
		56C	TENV	VFSWDM3554-E	1,685	FS	15.04	59	86.5	230/460	2.1
	1800	56C	TEFC	VFSWDM3554-E	1,748	FS	13.96	45	86.5	230/460	2.2
		145TC	TENV	VFSWDM3554T-E	1,736	FS	15.04	59	86.5	230/460	2.1
		145TC	TEFC	VFSWDM3554T-E	1,799	FS	13.96	45	86.5	230/460	2.2
2	3600	56C	TENV	VFSWDM3555-E	2,029	FS	15.04	63	88.5	230/460	2.4
		145TC	TENV	VFSWDM3555T-E	2,074	FS	15.04	63	88.5	230/460	2.4
		145TC	TEFC	VFSWDM3555T-E	2,137	FS	14.83	50	86.5	230/460	2.5
		56C	TENV	VFSWDM3558-E	2,059	FS	15.04	63	88.5	230/460	2.8
	1800	56C	TEFC	VFSWDM3558-E	2,122	FS	13.96	56	86.5	230/460	2.8
		145TC	TENV	VFSWDM3558T-E	2,100	FS	15.04	63	88.5	230/460	2.8
		145TC	TEFC	VFSWDM3558T-E	2,164	FS	13.96	63	86.5	230/460	2.8
		145TC	TEFC	VFSWDM3559T-E	2,529	FS	16.21	63	86.5	230/460	3.7
3	3600	182TC	TENV	VFSWDM3610T-E	2,602	FS	17.05	96	89.5	230/460	3.5
		182TC	TEFC	VFSWDM3611T-E	2,510	FS	17.05	101	89.5	230/460	4
	1800	182TC	TENV	VFSWDM3611T-E	2,591	FS	18.89	86	89.5	230/460	4.2
		182TC	TEFC	VFSWDM3611T-E	2,591	FS	18.89	86	89.5	230/460	4.2
5	3600	184TC	TEFC	VFSWDM3613T-E	2,749	FS	17.39	81	89.5	230/460	5.6
	1800	184TC	TEFC	VFSWDM3615T-E	2,771	FS	18.89	101	89.5	230/460	6.5
7-1/2	3600	213TC	TEFC	VFSWDM3709T-E	3,438	FS	19.49	131	91	230/460	8.3
	1800	213TC	TEFC	VFSWDM3710T-E	3,511	FS	20.68	136	91.7	230/460	9.5
10	3600	215TC	TEFC	VFSWDM3711T-E	3,916	FS	20.68	149	91.7	230/460	10.6
	1800	215TC	TEFC	VFSWDM3714T-E	4,158	FS	22.12	187	92.4	230/460	12.5
15	3600	215TC	TEFC	VFSWDM3713T-E	5,939	FS	22.12	187	91.7	230/460	17

SINGLE PHASE, TOTALLY ENCLOSED, C-FACE, FOOTLESS, STAINLESS STEEL

HP	RPM	NEMA FRAME	ENCLOSURE	CATALOG NUMBER	LIST PRICE	MULT. SYM.	"C" DIM.	APRX. WT. (LBS.)	FULL LOAD EFFICIENCY	VOLTAGE	FULL LOAD AMPS
1/2	3600	56C	TEFC	VFSWDL3503	1,305	FS	13.96	33	59.5	115/230	3.6
	1800	56C	TEFC	VFSWDL3504	1,404	FS	13.96	41	70	115/230	3.5
3/4	3600	56C	TEFC	VFSWDL3506	1,453	FS	13.96	33	64	115/230	4.6
	1800	56C	TEFC	VFSWDL3507	1,543	FS	14.83	47	70	115/230	4.6
1	3600	56C	TEFC	VFSWDL3509	1,556	FS	13.96	41	68	115/230	5.8
	1800	56C	TEFC	VFSWDL3510	1,665	FS	16.26	63	72	115/230	5.8



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