Fundamental field	Symmetries	Decomposition into SO(3) irrep(s)		Source
$\mathcal{B}_\alpha$	(None)	$\mathcal{B}^{\#1}_{1^-}{}_\alpha + \mathcal{B}^{\#1}_{0^+} n_\alpha$		$\mathcal{J}_\alpha$

SO(3) irrep	Symmetries	Expansion in terms of the fundamental field		Source SO(3) irrep
$\mathcal{B}^{\#1}_{0^+}$	(None)	$\mathcal{B}^\alpha n_\alpha$		$\mathcal{J}^{\#1}_{0^+}$
$\mathcal{B}^{\#1}_{1^-}{}_\alpha$	(None)	$\mathcal{B}_\alpha - \mathcal{B}^\beta n_\alpha n_\beta$		$\mathcal{J}^{\#1}_{1^-}{}_\alpha$